ANNUAL REPORT

OF

THE MINES BRANCH

OF THE

Department of Lands and Mines

OF THE

PROVINCE OF ALBERTA

1932

EDMONTON:
PRINTED BY W. D. McLEAN, KING'S PRINTER
1933

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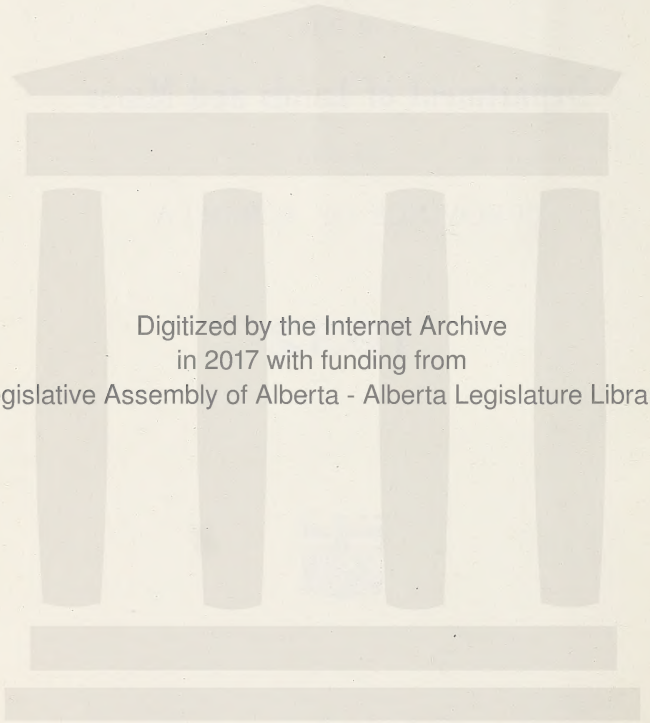

To the Hon. R. G. Reid,

Minister of Lands and Mines.

Sir,—

I herewith submit the report of The Mines Branch for the year ending December 31, 1932.

Respectfully submitted,

A. A. Millar,

Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31st, 1932.

(A. A. Millar, *Chief Inspector.*)

The total output of coal produced in the Province during the year was 4,870,030 tons, with a valuation of $13,441,193, an increase of 305,740 tons over the output for 1931. Included in the total were 2,046 tons produced by farmers under permits granted for the purpose of obtaining coal for their own use. In addition to the coal reported, we believe there was a considerable tonnage produced by farmers without permit or lease, of which we have no records. It will be noted that while there is an increase in tonnage over the output for 1931, there is still a considerable reduction from the output produced in 1928.

It will be noted that the making of coke has been recommenced in the Crow's Nest Pass, the bulk of which is being used at the Trail smelter.

Of the total output produced 1,134,311 tons were sold for consumption in the Province of Alberta, 1,751,294 tons in other provinces of Canada, 27,366 tons for consumption in the United States, 1,619,921 tons sold to railroad companies, 12,629 tons used making briquettes, 4,591 tons used making coke, 179,597 tons used under colliery boilers, 7,025 tons used by colliery railroads, 44,115 tons put to stock, and 130,528 tons put to waste. The tonnage shown as sold for consumption in Alberta includes 2,046 tons produced by farmers for their own use. In addition to the coal mined there were 8,446 tons of shale and clay mined, from which 3,444,010 bricks and 182 tons of tile were manufactured.

During the year there were in operation 3 shale pits producing shale and clay for use in the manufacture of brick, hollow tile, etc., also 307 coal-mines; of the latter, 32 were opened, 14 re-opened, and 44 abandoned. In addition to the mines abandoned there were 25 mines closed temporarily, leaving 283 mines in operation at December 31st, 1932.

There have been no changes in staff during the year. The headquarters of Mr. W. G. Heeley were transferred from Blairmore to the New Telephone Building, Calgary.

There was a total of 643 persons examined during the year for certificates of competency as coal-miners, 557 being successful, making a total of 13,000 certificates issued to December 31st, 1932.

In addition to testing with the Burrell and McLuckie gas detectors, in the various mines throughout the Province, samples of mine air have been taken at intervals by the inspectors from the mines in the bituminous areas and forwarded to the Chemistry Branch of the Department of Mines, Ottawa, for analysis.

Also samples of rock dust, used for rock dusting in the bituminous mines, have been collected and forwarded to the Provincial Analyst to be tested for silica content.

Samples of coal have been collected and forwarded to the Industrial Research Department, University of Alberta, for analysis.

In all years but '31 & '32 Production was made to balance sales and sales did not include farmers' production. In the 1950 Report the error in '31 & '32 was corrected — Production 1932 now quoted at 4,867,984 tons.

In addition to the regular inspections of all mines by the district inspectors, they have investigated all serious and fatal accidents, and attended all inquests in connection with same.

There was a decrease in the number of fatal accidents from 16 in 1931 to 11 in 1932.

In addition to the fatal accidents in mines there was one person killed, whilst illegally mining near Diamond City; also there were two persons seriously injured, one on the river bank near Taber and the other in 40 mile Coulee. These accidents are not included in the accidents reported from producing mines.

There were twenty-two prosecutions instituted for contraventions of The Coal-mines Regulation Act, made up as follows: 3 workmen, 6 officials, 4 owners, and 8 farmers, the latter being for illegally entering and working mines. Conviction was obtained in each case; a conviction was also obtained in the case of the manager prosecuted in 1931, which case had not been decided at December 31st, 1931.

There were 14,875,890 k.w. hrs. of purchased electrical power used by mines in the Province during the year.

The distribution of purchased power was as follows: Big Valley 10,800 k.w. hrs., purchased from the Union Power Company of Drumheller, who also supplied 3,819,355 k.w. hrs. to mines in the Drumheller area, and 106,990 k.w. hrs. to mines in the Carbon area.

The Calgary Power Company, Limited, supplied mines in the following areas: Edmonton 781,297 k.w. hrs., Gleichen 900 k.w. hrs., Lethbridge 597,146 k.w. hrs., Taber 9,535 k.w. hrs., and Camrose 6,200 k.w. hrs.

The mines in Redcliff area purchased 38,000 k.w. hrs. from the City of Medicine Hat.

The mines in the Crow's Nest area purchased 9,505,672 k.w. hrs. from the East Kootenay Power Company.

During the month of December, 1932, there were 10,296 persons employed, being 391 more than were employed in December, 1931.

In January fire destroyed the hoist-house and hoist at the mine operated by the Western Gem Coal Company, Limited, Drumheller. In the same month the tipple at the Star mine near Rosedale was destroyed by fire.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1931:

Calendar Year	Short tons	Value
1886	43,220	$ 81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,838,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
1922	5,990,911	24,351,913
1923	6,854,397	28,018,303
1924	5,189,729	18,884,318
1925	5,869,031	20,021,484
1926	6,503,705	20,886,103
1927	6,934,162	21,982,058
1928	7,336,330	23,532,414
1929	7,150,693	22,928,182
1930	5,755,528	18,063,225
1931	4,564,015	13,342,675
Total	126,007,100	$409,374,576

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919 to 1931, the mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA, 1902 TO 1931.

The following revised table is taken from the report issued by the Dominion Bureau of Statistics for the year 1931:

Year	Canadian*		Imported Coal Entered for Consumption				Total Short Tons	Per Capita
			From U.S.A.	From Gt. Britain	Total†			
	Short tons	%	Short tons	Short tons	Short tons	%		
1902	5,376,413	53.1	4,656,286	101,726	4,734,559	46.9	10,110,972	1.848
1903	6,005,735	47.3	6,520,931	184,593	6,678,450	52.7	12,684,185	2.212
1904	6,697,183	47.9	7,238,869	85,687	7,297,482	52.1	13,994,665	2.412
1905	7,032,661	49.4	7,233,738	68,500	7,215,446	50.6	14,249,107	2.341
1906	7,927,560	50.5	7,787,338	67,014	7,758,325	49.5	15,685,885	2.481
1907	8,617,352	45.0	10,588,697	54,325	10,549,503	55.0	19,166,855	2.947
1908	9,156,478	47.3	10,203,335	97,514	10,195,424	52.7	19,351,902	2.820
1909	8,913,376	47.9	9,805,253	67,671	9,711,826	52.1	18,625,202	2.682
1910	10,532,103	50.2	10,545,451	51,541	10,437,123	49.8	20,970,226	2.960
1911	9,822,749	40.5	14,510,129	48,963	14,424,949	59.5	24,247,698	3.365
1912	12,385,696	46.0	14,557,124	38,668	14,549,104	54.0	26,934,800	3.657
1913	13,450,158	42.6	18,145,769	37,825	18,132,387	57.4	31,582,545	4.196
1914	12,214,403	45.5	14,687,853	33,101	14,637,920	54.5	26,852,323	3.490
1915	11,500,480	48.1	12,450,796	15,098	12,406,212	51.9	23,906,692	3.041
1916	12,348,036	41.3	17,576,202	4,401	17,517,820	58.7	29,865,856	3.717
1917	12,313,603	37.2	20,848,009	9,451	20,810,132	62.8	33,123,735	4.049
1918	13,160,731	37.8	21,674,826	3,761	21,611,101	62.2	34,771,832	4.175
1919	11,611,168	40.3	17,292,913	344	17,236,269	59.7	28,847,437	3.402
1920	14,025,566	42.9	18,752,981	.....	18,668,741	57.1	32,694,307	3.788
1921	12,715,734	41.1	18,300,081	1,591	18,258,387	58.9	30,974,121	3.524
1922	13,044,352	50.2	12,255,555	765,980	12,962,189	49.8	26,006,541	2.916
1923	15,070,962	41.8	20,417,239	572,570	20,967,971	58.2	36,038,933	4.000
1924	12,529,358	42.8	16,405,344	317,112	16,714,143	57.2	29,243,501	3.199
1925	12,125,290	42.6	15,744,957	604,117	16,331,971	57.4	28,457,261	3.062
1926	15,086,296	47.7	16,204,405	287,299	16,565,555	52.3	31,651,851	3.349
1927	15,944,983	46.7	17,266,434	907,220	18,177,303	53.3	34,122,286	3.541
1928	16,487,807	50.0	15,830,688	682,755	16,545,582	50.0	33,003,389	3.356
1929	16,387,461	48.0	16,780,452	843,502	17,724,132	52.0	34,111,593	3.402
1930	14,052,671	43.3	16,971,933	1,144,861	18,412,039	56.7	32,464,710	3.181
1931	11,682,779	47.7	11,793,798	987,442	12,828,327	52.3	24,511,106	2.362

*The sum of Canadian coal mine sales, colliery consumption, coal supplied to employees, and the coal used in making coke, etc., less the tonnage of coal exported.

†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores.

Corrections made as taken from page 25 of the 1931 Coal Statistics for Canada.

Coke imported into Canada during the years 1930, 1931 and 1932 through ports in the Provinces, compiled from information received from the Dominion Bureau of Statistics:

Province	1930	1931	1932
Prince Edward Island	28	32	.....
Nova Scotia	3,777	4,363	8,275
New Brunswick	1,430	825	150
Quebec	44,486	18,809	30,257
Central Ontario	887,871	621,123	571,028
Head of Lakes	105,944	73,859	34,279
Manitoba	14,235	12,228	6,260
Saskatchewan	68	.....	.....
Alberta	.....	.....	.....
British Columbia	3,201	2,095	1,553
Total	1,061,040	733,334	651,802

Imports of Coke into Canada, by Countries, 1930, 1931, 1932.

Countries	1930	1931	1932
United States	1,048,209	727,646	612,325
Great Britain	12,732	5,462	39,422
Germany	99	226	55
Total	1,061,040	733,334	651,802

Coal in tons, entered for consumption for each year since 1919 through ports in the Provinces of Manitoba, Saskatchewan, Ontario, British Columbia and Alberta.

BITUMINOUS COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Canada
1919	7,641,682	483,991	59,253	1,063,793	9,248,719	62,746	1,406	1,131	6,700	12,010,490
1920	10,261,237	571,879	111,957	1,391,709	12,336,903	43,547	535	607	13,128	15,902,632
1921	8,605,872	659,763	127,956	1,316,155	10,709,746	76,833	2,127	1,820	17,081	13,536,250
1922	7,424,171	445,019	68,082	1,517,250	9,454,522	74,848	1,484	1,147	13,966	11,563,467
1923	11,621,859	619,037	95,439	1,731,667	14,068,002	112,134	1,607	1,110	17,919	17,517,108
1924	8,763,676	403,388	70,259	1,500,525	10,737,848	143,607	2,422	1,209	25,049	12,619,082
1925	9,100,462	286,984	81,173	497,264	9,884,710	147,758	1,732	1,175	40,286	13,015,323
1926	10,531,095	199,908	83,182	965,105	11,696,108	149,374	1,887	1,515	32,992	13,802,242
1927	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648	15,178,640
1928	10,539,408	194,718	103,594	1,481,228	12,318,948	97,002	2,536	1,360	18,682	13,966,183
1929	11,232,027	143,889	100,141	1,591,656	13,067,713	38,801	2,477	1,327	18,526(a)	14,585,275(b)
1930	10,421,748	165,499	70,403	1,297,939	11,955,589	24,898	1,816	1,351	8,886(c)	13,345,308(d)
1931	8,553,736	86,810	65,738	609,279	9,315,563	7,041	1,535	912	2,308(e)	10,347,280(f)
1932	6,867,307	62,019	48,915	691,831	7,670,072	12,298	1,459	830	3,582(n)	8,532,318(k)

ANTHRACITE COAL

1919	2,977,913	119,234	559	346,442	3,444,148	12,906	.....	66	136	4,972,283
1920	2,943,134	69,206	2,648	226,476	3,241,464	17,509	206	517	75	4,912,964
1921	2,809,189	62,782	138	198,108	3,070,217	33,473	254	66	251	4,567,370
1922	1,586,924	21,507	12	36,018	1,644,461	14,715	231	.....	1,261	2,693,957
1923	3,061,779	28,229	429	54,329	3,144,766	55,856	2,291	.....	174	5,167,881
1924	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	4,183,594
1925	2,203,281	37	170	50,731	2,254,049	34,396	702	30	246	3,798,744
1926	2,458,674	.....	56	60,810	2,519,494	17,990	464	.....	5,202	4,242,932
1927	2,123,515	.....	51	79,293	2,202,849	15,885	484	.....	3,812	4,063,619
1928	2,179,022	.....	42	57,494	2,236,558	10,130	579	.....	2,241	3,737,333
1929	2,246,063	352	303	52,369	2,299,087	9,180	365	.....	597	4,019,917(g)
1930	2,080,457	.....	224	45,241	2,125,922	8,323	367	.....	1,123	4,256,090(h)
1931	1,615,643	.....	.....	18,302	1,633,945	3,695	.....	.....	33	3,178,141(j)
1932	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	3,138,157(m)

(a) Includes 11 tons imported in February, 50 tons in July, and 6 tons in August into the Yukon Territory.

(b) Includes 115,368 tons of bituminous coal from Great Britain, also 76 tons of bituminous coal from Newfoundland.
During 1929 there were 1,896 tons of lignite coal imported from the United States into Manitoba, 41 tons were imported from the United States into Saskatchewan, also 12,171 tons from the United States into British Columbia, making a total of 14,108 tons of lignite coal imported into Canada from the United States.

(c) Includes imports into the Yukon Territory of 2 tons in April and 5 tons in June.

(d) Consists of 13,199,076 tons imported from the United States, 146,199 tons imported from Great Britain and 33 tons imported from Newfoundland.

(e) Includes imports into the Yukon Territory of 6 tons in March and 4 tons in July.

(f) Consists of 10,224,982 tons imported from the United States, 122,298 tons imported from Great Britain.

(g) Includes 728,458 tons of anthracite imported from Great Britain, 117,404 tons from Russia and 112 tons from Japan.

(h) Consists of 2,955,954 tons imported from the United States, 996,127 tons imported from Great Britain, 11,480 tons imported from Germany, 291,407 tons imported from Russia, and 1,122 tons imported from French East Indies.

(j) Consists of 2,236,423 tons imported from the United States, 876,364 tons imported from Great Britain, 60,762 tons imported from Germany, and 4,592 tons imported from French East Indies.

(k) Consists of 8,170,248 tons imported from the United States, 362,068 tons imported from Great Britain, and 2 tons imported from Newfoundland.

(m) Consists of 1,685,532 tons imported from the United States, 1,399,086 tons from Great Britain, 52,189 tons imported from Germany, 650 tons from Belgium, and 700 tons imported from the French East Indies.

(n) Includes 4 tons imported in June, into the Yukon Territory.

Tons of Coal entered for consumption for each month during the year 1932, through ports in the Provinces of Ontario, Manitoba, Saskatchewan, Alberta and British Columbia, compiled from information received from the Dominion Bureau of Statistics:

BITUMINOUS COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Sask., Alta., B.C., and Yukon	Total Canada
January	411,891	400	3,171	38,535	453,997	346	32	32	120	.....	530	471,155
February	353,859	.....	3,793	.....	357,652	682	33	52	66	.....	833	378,848
March	461,338	.....	5,258	.....	466,596	1,012	234	113	129	.....	1,488	489,046
April	335,678	.....	3,748	.....	339,426	822	157	.....	60	.....	1,039	363,318
May	582,026	.....	4,834	8,973	595,833	548	341	137	190	.....	1,216	718,083
June	523,554	.....	2,989	65,564	592,107	640	237	120	62	4	1,063	705,425
July	586,554	.....	3,825	53,900	644,279	1,813	137	80	81	.....	2,111	735,926
August	621,765	32,191	2,789	112,213	768,958	425	188	103	65	.....	781	859,050
September	731,636	29,428	6,344	150,190	917,598	677	66	72	32	.....	847	991,933
October	779,861	.....	7,091	101,795	888,747	1,569	34	.....	75	.....	1,678	980,815
November	898,395	.....	1,716	100,895	1,001,006	1,914	.....	32	1,936	.....	3,882	1,164,885
December	580,750	.....	3,357	59,766	643,873	1,850	.....	89	762	.....	2,701	673,834
Total	6,867,307	62,019	48,915	691,831	7,670,072	12,298	1,459	830	3,578	4	18,169	8,532,318 (a)

(a) Consists of 8,170,248 tons imported from United States, 362,068 tons imported from Great Britain, and 2 tons imported from Newfoundland.

ANTHRACITE COAL

January	106,667	.....	.....	.....	106,667	151	.....	.....	.....	.....	151	157,998
February	86,617	.....	.....	.....	86,617	449	.....	3	.....	.....	452	129,061
March	173,268	.....	.....	.....	173,268	361	.....	.....	.....	.....	361	222,253
April	82,183	.....	.....	.....	82,183	238	.....	.....	.....	.....	238	179,029
May	99,428	.....	.....	.....	99,428	405	.....	.....	.....	.....	405	321,769
June	61,045	.....	.....	.....	61,045	298	.....	.....	.....	.....	298	253,166
July	71,865	.....	.....	.....	71,865	435	.....	.....	.....	.....	435	318,528
August	102,892	.....	.....	6,343	109,235	.....	.....	.....	.....	.....	.....	338,963
September	96,515	.....	.....	1,657	98,172	323	.....	.....	.....	.....	323	304,298
October	152,262	.....	.....	4,677	156,939	195	.....	.....	.....	.....	195	350,825
November	106,405	.....	3	.....	106,408	460	.....	.....	.....	.....	460	342,989
December	111,608	.....	.....	.....	111,608	485	.....	.....	702	.....	1,187	219,278
Total	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	.....	4,505	3,138,157 (b)

(b) Consists of 1,685,532 tons imported from the United States, 1,399,086 tons from Great Britain, 52,189 tons imported from Germany, 650 tons from Belgium, and 700 tons imported from the French East Indies.

LIGNITE COAL

January	.....	.....	.....	.....	.....	.....	.....	.....	480	.....	480	480
February	.....	.....	.....	.....	.....	.....	.....	.....	787	.....	787	787
March	.....	.....	.....	.....	.....	.....	.....	.....	223	.....	223	223
April	.....	.....	.....	.....	.....	.....	9	.....	42	.....	51	51
May	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	35	35
June	.....	.....	.....	.....	.....	.....	.....	.....	151	.....	151	151
July	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August	.....	.....	.....	.....	.....	89	5	.....	103	.....	197	197
September	.....	.....	.....	.....	.....	40	3	.....	.....	.....	43	43
October	.....	.....	.....	.....	.....	.....	.....	.....	134	.....	134	134
November	.....	.....	.....	.....	.....	27	.....	.....	301	.....	328	328
December	.....	.....	.....	.....	.....	.....	.....	.....	524	.....	524	524
Total	.....	.....	.....	.....	.....	156	17	.....	2,780	.....	2,953	2,953

TOTAL IMPORTATIONS

Bituminous	6,867,307	62,019	48,915	691,831	7,670,072	12,298	1,459	830	3,578	4	18,169	8,532,318
Anthracite	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	.....	4,505	3,138,157
Lignite	.....	.....	.....	.....	.....	156	17	.....	2,780	.....	2,953	2,953
Total	8,118,062	62,019	48,918	704,508	8,933,507	16,254	1,476	833	7,060	4	25,627	11,673,428

MINERAL PRODUCTION OF ALBERTA, 1931 AND 1932

Prepared in the Mining, Metallurgical and Chemical Branch, Ottawa, Canada.

	1931		*1932	
	Quantity	Value	Quantity	Value
Gold, fine ounces	195	$ 4,031	111	$ 2,294
Silver, fine ounces	29	9	9	3
Bituminous sands, tons	1,015	4,060	343	1,372
Coal, tons	4,564,015	13,342,675	4,867,270	13,517,860
Natural gas, M.cu.ft.	17,798,698	4,067,893	15,985,744	3,820,722
Petroleum, brls.	1,413,631	3,976,220	912,506	2,739,095
Clay products and other structural materials:				
Cement, brls.	626,483	1,286,080	193,571	399,922
Clay products	.....	529,716	.....	329,584
Lime, tons	5,118	46,785	6,156	54,577
Sand and gravel, tons	1,050,988	313,616	715,734	295,313
Stone, tons	2,496	9,642	1,428	2,985
Total	.....	$23,580,727	.....	$21,163,727

*Subject to revision.

Particulars with reference to the coal mining industry in the Province of Alberta during the year ending December 31, 1932:

SUMMARY OF STATISTICS

Number of short tons of Coal produced	4,870,030
Number of short tons of Briquettes produced	13,582
Number of short tons of Coke produced	2,183
Number of short tons of Shale produced	8,446
Number of Coal-mines in operation during the year	307
Number of Shale Pits in operation during the year	3
Number of Mines opened during the year	32
Number of Mines re-opened during the year	14
Number of Mines closed during the year	25
Number of Mines abandoned during the year	44
Number of Mines in operation at December 31st, 1932	283
164 mines or 53.42% of the total operating produced 1.45% of the output.	
66 mines or 21.50% of the total operating produced 3.13% of the output.	
8 mines or 2.61% of the total operating produced 1.11% of the output.	
35 mines or 11.40% of the total operating produced 16.81% of the output.	
21 mines or 6.84% of the total operating produced 31.27% of the output.	
4 mines or 1.30% of the total operating produced 11.02% of the output.	
8 mines or 2.60% of the total operating produced 28.28% of the output.	
1 mine or .32% of the total operating produced 6.93% of the output.	
Average number of persons employed below ground	5,772
Average number of persons employed above ground	2,065
Number of separate accidents causing loss of life	11
Number of deaths caused by accidents above ground	1

Number of deaths caused by accidents below ground	10
Number of serious accidents above ground	9
Number of serious accidents below ground	52
Number of slight accidents above ground	21
Number of slight accidents below ground	75
Total purchased electrical power (kilowatt hours)	14,875,890
Number of persons prosecuted under The Coal-mines Regulation Act	22
Number of Provisional Certificates (Overmen) issued in 1932	178
Number of Certificates of Competency as Coal-miners issued in 1932	557
Number of Third Class Certificates issued in 1932	43
Number of Second Class Certificates issued in 1932	11
Number of First Class Certificates issued in 1932	2
Number of Mine Surveyors' Certificates issued in 1932	.....
Total number of Third Class Certificates issued to December 31, 1932	1,190
Total number of Second Class Certificates issued to December 31, 1932	411
Total number of First Class Certificates issued to December 31, 1932	233
Total number of Interchange First Class Certificates issued to December 31, 1932	5
Total number of Mine Surveyors' Certificates issued to December 31, 1932	184
Total number of Certificates of Competency as Coal-miners issued to December 31, 1932	13,000

In the following tables the short ton of 2,000 lbs. is used in all cases:

Year	Output in tons for N.W.T. (Alta. & Sask.)	Output in tons Alberta
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905	.....	811,228
1906	.....	1,385,000
1907	.....	1,834,745
1908	.....	1,845,000
1909	.....	2,174,329
1910	.....	3,036,757
1911	.....	1,694,564
1912	.....	3,446,349
1913	.....	4,306,346
1914	.....	3,821,739
1915	.....	3,434,891
1916	.....	4,638,604
1917	.....	4,863,414
1918	.....	6,148,620
1919	.....	5,022,412
1920	.....	6,908,923
1921	.....	5,937,195
1922	.....	5,976,432
1923	.....	6,866,923
1924	.....	5,203,713
1925	.....	5,883,394
1926	.....	6,508,908
1927	.....	6,936,780
1928	.....	7,334,179
1929	.....	7,147,250
1930	.....	5,755,911
1931	.....	4,564,290
1932	.....	4,870,030

PARTICULARS OF WORK DONE IN SHALE MINES IN THE PROVINCE DURING 1932

Output of shale in tons, used for making bricks		8,446
Average number of days worked each month		17
Average number of men employed each month		6
Total number of shifts worked		6,094
Explosives used (lbs.)—40% Dynamite		1,075
Black Powder		.....
Number of shots fired—fuse		665
Total number of bricks made		3,344,010
Total number of bricks lifted from stock		495,206
Total number of bricks put to stock		780,830
Bricks sold for use in:		
Alberta	1,869,280	
British Columbia	340,250	
Saskatchewan	878,500	
Manitoba	170,700	
Ontario	13,000	
United States	.....	
Total	3,271,730	
Total hollow tile made, in tons		182
Total hollow tile put to stock, in tons		182
Hollow tile, in tons, sold for use in:		
Alberta	509	
Saskatchewan	105	
Manitoba	336	
Total	950	

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 TO 1932 INCLUSIVE

Year	Domestic	Domestic and Bituminous	Sub-Bituminous	Bituminous	Anthracite	Coal used in coke production	Briquettes	Coke
*1901	.....	331,907	.....	.....	14,742	.....	.....	.....
*1902	.....	494,087	.....	.....	16,587	.....	.....	.....
*1903	.....	617,754	.....	.....	5,185	.....	.....	.....
*1904	.....	759,568	.....	.....	23,363	.....	.....	.....
*1905	.....	972,686	.....	.....	43,653	71,292	.....	46,640
1906	602,780	.....	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	.....	1,001,571	249,095	128,397	36,261	75,657
1909	763,673	.....	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	.....	1,896,961	261,785	196,249	108,996	121,578
1911	964,700	.....	.....	649,745	80,119	61,591	48,200	35,984
1912	1,341,389	.....	.....	1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225	.....	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	.....	1,953,367	170,971	44,249	109,082	29,058
1915	1,682,922	.....	.....	1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801	.....	.....	2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829	.....	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	.....	2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009	.....	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	.....	3,419,021	130,594	.....	101,693	.....
1921	2,943,141	.....	.....	2,897,380	96,674	.....	62,466	.....
1922	3,086,669	.....	635,073	2,214,273	40,417	.....	33,663	.....
1923	3,161,741	.....	459,869	3,245,313	107	.....	39,638	.....
1924	3,096,660	.....	585,765	1,521,288	.....	.....	.....	.....
1925	3,156,359	.....	581,835	2,145,200	.....	.....	791	.....
1926	3,160,029	.....	490,371	2,858,508	.....	.....	11,381	.....
1927	3,357,171	.....	595,190	2,984,419	.....	287	20,649	173
1928	3,378,200	.....	740,498	3,215,481	.....	.....	24,768	.....
1929	3,385,749	.....	668,108	3,093,393	.....	.....	28,167	.....
1930	2,874,090	.....	603,331	2,278,490	.....	.....	24,111	.....
1931	2,246,544	.....	471,389	1,846,357	.....	.....	15,102	.....
1932	2,576,831	.....	559,479	1,733,720	.....	4,591	13,582	2,183

*Includes outputs from Alberta and Saskatchewan. Previous to 1922 Sub-Bituminous was included in Bituminous Coal.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.
During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.
During the year 1924 a strike affecting all the larger mines in the Province lasted for a period of six and a half months.

Total output of COAL, COKE and BRIQUETTES disposed of during 1932:

	Sold for Consumption in							Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States											
Domestic	1,065,509	84,191	1,008,702	278,799	14,495	.....	21,308	.....	2,473,004	77,148	1,126	.....	.....	20,339	24,106	17,873	1,019	2,576,831
Sub-Bituminous	26,190	38,292	33,609	62,955	5,709	135	204	266,331	433,425	28,278	4,776	.....	.....	1,775	92,715	1,490	.....	559,479
Bituminous	42,612	13,705	55,071	155,252	379	.....	5,854	1,353,590	1,626,463	74,171	1,121	12,629	4,591	22,001	13,707	20,963	.....	1,733,720
Total	1,134,311	136,188	1,097,382	497,006	20,583	135	27,366	1,619,921	4,532,892	179,597	7,023	12,629	4,591	44,115	130,528	40,326	1,019	4,870,030
Briquettes	1,925	4,534	793	2,733	75	.....	.....	3,522	13,582	.....	.....	.....	.....	.....	.....	.....	.....	13,582
Coke	360	1,261	130	.....	.....	.....	.....	34	1,784	45	.....	.....	.....	349	167	.....	.....	2,183

Total output of COAL and BRIQUETTES disposed of during 1931:

Domestic	912,403	92,284	824,351	275,621	20,942	33	19,781	.....	2,145,415	83,246	1,154	.....	.....	18,009	20,412	17,447	4,245	2,246,544
Sub-Bituminous	26,527	37,703	27,237	48,228	5,838	67	.....	236,528	382,128	30,171	4,460	.....	.....	3,368	55,501	3,306	933	471,389
Bituminous	81,764	41,623	53,986	118,912	256	.....	10,653	1,431,923	1,739,117	81,664	1,065	14,123	.....	9,669	13,552	12,476	357	1,846,357
Total	1,020,694	171,610	905,574	442,761	27,036	100	30,434	1,668,451	4,266,660	195,081	6,679	14,123	.....	31,046	89,465	33,229	5,535	4,564,290
Briquettes	1,731	7,315	561	1,804	107	.....	.....	3,584	15,102	.....	.....	.....	.....	.....	.....	.....	.....	15,102

How the total output of DOMESTIC Coal from the Province was disposed of by areas during 1932:

Areas	Sold for Consumption in						Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
Ardley	14,327	.....	3,988	67	.....	.....	17,482	518	.....	345	94	30	.....	18,409
Big Valley	4,253	.....	.....	.....	.....	.....	4,253	.....	.....	.....	485	.....	.....	4,738
Brooks	6,597	.....	.....	.....	.....	.....	6,597	25	.....	.....	.....	.....	.....	6,622
Camrose	28,420	.....	11,535	577	.....	.....	40,532	602	.....	.....	1,769	527	.....	42,376
Carbon	61,514	716	11,063	12,008	133	32	85,466	553	.....	.....	3,808	176	814	88,837
Castor	35,072	.....	223	.....	.....	.....	35,295	175	.....	35	1,538	.....	.....	37,043
Champion	16,854	.....	.....	.....	.....	.....	16,854	.....	.....	.....	442	.....	.....	17,296
Drumheller	222,018	44,950	727,626	210,993	12,871	7,345	1,225,803	16,439	.....	4,037	295	1,100	.....	1,245,474
Edmonton	416,105	360	21,227	3,280	138	.....	441,110	9,782	.....	488	2,993	75	5	454,293
Gleichen	5,260	.....	.....	.....	.....	.....	5,260	.....	.....	.....	.....	.....	.....	5,260
Halcourt	2,118	.....	.....	.....	.....	.....	2,118	.....	.....	.....	157	.....	.....	2,275
Lethbridge	128,884	29,965	153,742	18,028	1,126	13,485	345,230	36,733	161	13,111	5,381	13,394	.....	387,222
Magrath	1,758	.....	.....	.....	.....	.....	1,758	28	.....	.....	22	.....	.....	1,808
Milk River	3,965	.....	.....	.....	.....	.....	3,965	.....	.....	.....	86	.....	.....	4,051
Pakan	195	.....	.....	.....	.....	.....	195	.....	.....	.....	.....	.....	.....	195
Pakowki	2,416	.....	.....	.....	.....	.....	2,416	.....	.....	65	301	65	.....	2,717
Pembina	54,492	7,949	18,939	5,770	227	414	87,791	7,618	375	2,258	3,515	2,506	.....	99,051
Redcliff	14,208	125	8,855	139	.....	.....	23,327	85	590	.....	43	.....	.....	24,045
Sheerness	18,546	.....	3,238	.....	.....	.....	21,784	1,751	.....	.....	1,191	.....	.....	24,726
Steveville	114	.....	.....	.....	.....	.....	114	.....	.....	.....	22	.....	.....	136
Taber	10,829	126	1,448	180	.....	32	12,615	39	.....	.....	1,933	.....	200	14,387
Tofield	17,331	.....	47,718	27,757	.....	.....	92,806	2,800	.....	.....	31	.....	.....	95,637
Wetaskiwin	180	.....	.....	.....	.....	.....	180	.....	.....	.....	.....	.....	.....	180
No Area	53	.....	.....	.....	.....	.....	53	.....	.....	.....	.....	.....	.....	53
Total	1,065,509	84,191	1,008,702	278,799	14,495	21,308	2,473,004	77,148	1,126	20,339	24,106	17,873	1,019	2,576,831

How the total output of SUB-BITUMINOUS Coal from the Province was disposed of by areas during 1932:

Area	SOLD FOR CONSUMPTION IN							Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States										
Coalspur	12,903	32,369	18,720	46,202	2,733	.....	.....	220,559	333,486	21,901	4,776	.....	.....	1,381	92,178	1,190	452,532
Pekisko	1,085	.....	.....	.....	.....	.....	.....	.....	1,085	.....	.....	.....	.....	36	462	56	1,527
Pincher	2,227	33	68	.....	.....	.....	204	.....	2,532	8	.....	.....	.....	209	75	95	2,729
Prairie Creek	4,129	5,134	1,981	8,657	167	.....	.....	44,369	64,437	2,347	.....	.....	.....	.....	.....	.....	66,784
Saunders	5,846	756	12,840	8,096	2,809	135	.....	1,403	31,885	4,022	.....	.....	.....	149	.....	149	35,907
Total	26,190	38,292	33,609	62,955	5,709	135	204	266,331	433,425	28,278	4,776	.....	.....	1,775	92,715	1,490	559,479

BITUMINOUS

Cascade	2,391	709	673	3,372	.....	.....	.....	131,688	138,833	17,042	390	12,629	.....	2,614	87	2,267	169,328
Crow's Nest	25,390	12,833	49,570	43,316	208	.....	5,854	534,478	671,649	23,066	731	.....	4,591	15,734	13,620	15,039	714,352
Mountain Park	11,764	163	4,319	106,848	171	.....	.....	561,341	684,606	26,777	.....	.....	.....	.....	.....	.....	711,383
Nordegg	3,067	.....	509	1,716	.....	.....	.....	126,083	131,375	7,286	.....	.....	.....	3,653	.....	13,657	138,657
Total	42,612	13,705	55,071	155,252	379	.....	5,854	1,353,590	1,626,463	74,171	1,121	12,629	4,591	22,001	13,707	20,963	1,733,720

How the total output of COAL from the Province was disposed of by months during 1932:

Months	SOLD FOR CONSUMPTION IN							Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States											
January	143,702	21,217	139,979	67,862	2,596	.....	5,076	122,346	502,778	18,522	868	1,714	.....	4,086	8,622	2,848	.....	533,742
February	145,795	19,474	142,269	65,744	3,188	33	5,578	153,004	535,084	17,894	805	1,631	.....	5,893	10,416	2,692	.....	569,031
March	102,397	9,711	84,672	40,780	751	.....	1,938	146,149	386,398	17,330	750	1,360	.....	1,940	10,806	7,551	.....	411,033
April	50,749	3,727	33,331	16,115	267	.....	383	129,294	233,866	13,369	736	103	.....	2,455	8,147	4,902	142	253,632
May	31,172	1,139	18,450	12,836	187	.....	.....	112,530	176,314	11,478	564	201	.....	4,539	8,094	4,144	.....	197,046
June	28,112	2,257	17,390	12,631	175	.....	.....	153,302	213,867	11,562	408	1,199	.....	961	7,237	2,519	.....	232,715
July	23,394	2,095	13,953	9,783	381	.....	44	128,402	178,052	10,560	301	454	.....	5,851	3,630	1,705	.....	197,143
August	48,636	6,941	49,014	16,095	860	.....	1,514	117,387	240,447	12,230	326	851	514	973	7,947	1,292	.....	261,996
September	89,207	18,433	111,829	39,492	1,959	33	2,179	143,686	406,818	14,099	388	973	600	2,309	10,880	3,131	50	432,886
October	157,558	16,517	213,402	72,471	4,164	34	2,748	146,187	613,081	16,950	538	1,202	608	5,942	15,724	3,294	150	650.751
November	162,494	14,806	145,136	74,709	3,167	35	3,249	134,739	538,335	17,244	563	1,223	603	3,754	18,078	2,983	.....	576,667
December	151,095	19,871	127,958	68,488	2,888	.....	4,657	132,895	507,852	18,359	776	1,718	2,266	5,412	20,947	3,265	677	553,388
Total	1,134,311	136,188	1,097,382	497,006	20,583	135	27,366	1,619,921	4,532,892	179,597	7,023	12,629	4,591	44,115	130,528	40,326	1,019	4,870,030
Percentage of Sales	25.02	3.00	24.21	10.97	.46	.....	.61	35.73										

How the total output of DOMESTIC Coal was disposed of by months during 1932:

Months	SOLD FOR CONSUMPTION IN						Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
January	136,547	12,391	128,715	41,046	1,678	1,495	324,387	8,101	197	2,702	2,629	2,157	.....	335,859
February	137,351	10,517	132,242	39,104	2,072	1,394	325,074	7,731	192	2,046	2,728	2,202	.....	335,569
March	96,819	4,190	77,920	24,141	612	641	205,170	7,627	100	1,548	1,688	1,476	.....	214,657
April	48,013	2,679	28,496	6,738	201	133	86,436	5,637	109	536	650	2,406	142	90,820
May	29,369	963	13,485	3,756	157	.....	47,730	4,495	6	156	333	1,747	.....	50,973
June	26,069	1,774	14,959	4,448	175	.....	47,425	3,903	22	360	254	653	.....	51,311
July	20,873	925	11,363	2,954	211	.....	36,226	3,700	12	596	361	1,277	.....	39,718
August	44,808	4,438	43,683	6,580	645	459	101,617	5,247	50	616	962	1,010	.....	107,482
September	82,089	13,824	102,141	21,316	1,123	550	222,354	6,433	90	1,863	2,185	578	50	232,297
October	149,055	11,195	202,369	48,150	3,154	835	416,293	8,056	51	5,143	4,085	1,314	150	432,314
November	154,094	9,298	136,154	44,072	2,228	903	348,212	7,952	52	2,186	4,899	1,529	.....	361,622
December	140,422	11,997	117,175	36,494	2,239	1,911	311,980	8,266	245	2,587	3,332	1,524	677	324,209
Total	1,065,509	84,191	1,008,702	278,799	14,495	8,301	2,473,004	77,148	1,126	20,339	24,106	17,873	1,019	2,576,831
Percentage of Total Sales	43.06	3.05	40.79	11.28	.58	.34								

How the total output of SUB-BITUMINOUS Coal was disposed of by months during 1932:

Months	SOLD FOR CONSUMPTION IN							Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States								
January	2,301	6,534	4,022	8,723	872	.....	.....	27,854	50,306	2,976	610	178	5,325	125	59,270
February	2,508	5,160	3,070	8,526	1,116	33	.....	24,308	44,721	2,882	510	167	6,672	.....	54,952
March	1,654	2,147	1,662	5,027	139	.....	.....	20.501	31,130	2,651	535	188	7,889	.....	42,393
April	696	981	2,062	1,310	66	.....	.....	22,445	27,560	2,121	510	7	7,492	.....	37,690
May	406	108	3,084	510	30	.....	.....	21,346	25,484	1,793	435	94	7,337	485	34,658
June	593	365	449	636	.....	.....	.....	15,892	17,935	1,681	245	35	4,514	447	23,963
July	987	1,107	338	1,580	170	.....	.....	9,059	13,241	1,471	180	2	1,529	54	16,369
August	1,103	1,161	3,937	2,998	215	.....	.....	12,407	21,821	1,486	195	47	5,702	14	29,237
September	3,019	3,616	4,164	7,087	836	33	.....	21,156	39,911	2,215	215	168	7,422	34	49,897
October	4,948	4,676	4,883	8,170	929	34	68	30,998	54,706	2,927	430	58	10,905	84	68,942
November	3,835	5,136	3,129	8,925	803	35	102	31,182	53,147	2,986	455	140	12,164	120	68,772
December	4,140	7,301	2,869	9,463	533	.....	34	29,183	53,463	3,089	456	691	15,764	127	73,336
Total	26,190	38,292	33,609	62,955	5,709	135	204	266,331	433,425	28,278	4,776	1,775	92,715	1,396	559,479
Percentage of Total Sales	6.06	8.85	7.77	14.54	1.33	.....	.....	61.45							

How the total output of BITUMINOUS Coal was disposed of by months during 1932:

Months	SOLD FOR CONSUMPTION IN:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States										
January	4,854	2,292	7,242	18,093	46	1,066	94,492	128,085	7,445	61	1,714	.....	1,206	668	566	138,613
February	5,396	3,797	6,956	18,114	.....	1,790	128,696	165,289	7,281	103	1,631	.....	3,680	1,016	490	178,510
March	3,924	3,374	5,090	11,612	.....	450	125,648	150,098	7,052	115	1,360	.....	204	1,229	6,075	153,983
April	2,040	67	2,773	8,067	.....	74	106,849	119,870	5,611	117	103	.....	1,912	5	2,496	125,122
May	1,397	68	1,881	8,570	.....	.....	91,184	103,100	5,190	123	201	.....	4,289	424	1,912	111,415
June	1,450	118	1,982	7,547	.....	.....	137,410	148,507	5,978	141	1,199	.....	566	2,469	1,419	157,441
July	1,534	63	2,252	5,249	.....	44	119,343	128,485	5,389	109	454	.....	5,253	1,740	374	141,056
August	2,725	1,342	1,394	6,517	.....	51	104,980	117,009	5,497	81	851	514	310	1,283	268	125,277
September	4,099	993	5,524	11,089	.....	318	122,530	144,553	5,451	83	973	600	278	1,273	2,519	150,692
October	3,555	646	6,150	16,151	81	310	115,189	142,082	5,967	57	1,202	608	741	734	1,896	149,495
November	4,565	372	5,853	21,712	136	781	103,557	136,976	6,306	56	1,223	603	1,428	1,015	1,304	146,273
December	6,533	573	7,974	22,531	116	970	103,712	142,409	7,004	75	1,718	2,266	2,134	1,851	1,614	155,843
Total	42,612	13,705	55,071	155,252	379	5,854	1,353,590	1,626,463	74,171	1,121	12,629	4,591	22,001	13,707	20,963	1,733,720
Percentgae of Total Sales	2.65	.85	3.33	9.55	.....	.38	83.24									

Amount of COAL sold during the years 1915 to 1932 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	To Railroads	Total
1915	2,129,130	54,860	695,898	64,816	.....	.....	25,047	.....	2,969,751
1916	2,866,670	86,413	1,007,765	97,265	.....	.....	61,092	.....	4,119,205
1917	2,813,413	76,397	1,139,771	249,872	.....	.....	93,081	.....	4,372,534
1918	3,440,154	101,189	1,372,439	511,168	629	.....	133,276	.....	5,558,855
1919	2,991,110	95,461	1,115,329	314,290	308	.....	121,212	.....	4,637,710
1920	1,647,202	128,850	1,310,146	600,962	13,911	30	152,610	2,516,555	6,371,266
1921	1,415,861	116,089	1,294,441	495,388	9,898	.....	133,823	2,023,204	5,488,704
1922	1,443,942	107,920	1,371,249	520,518	21,573	102	105,514	2,076,291	5,647,109
1923	1,382,788	108,326	1,223,454	553,649	52,334	.....	83,557	3,110,121	6,514,219
1924	1,431,327	114,186	1,189,788	510,407	16,525	.....	39,142	1,613,574	4,914,949
1925	1,440,032	117,037	1,297,653	509,655	28,831	.....	40,507	2,139,716	5,573,431
1926	1,325,290	127,858	1,296,181	591,267	74,559	221	48,216	2,706,440	6,170,032
1927	1,508,089	187,028	1,428,904	612,542	22,680	.....	45,160	2,759,765	6,653,168
1928	1,409,475	262,198	1,511,141	605,125	52,265	.....	44,265	3,054,239	6,938,708
1929	1,446,555	236,840	1,455,213	588,647	55,647	33	51,625	2,923,827	6,758,075
1930	1,234,382	227,385	1,221,542	541,537	29,784	32	44,291	2,120,237	5,419,190
1931	1,020,694	171,610	905,574	442,761	27,036	100	30,434	1,668,451	4,266,660
1932	1,134,311	136,188	1,097,382	497,006	20,583	135	27,366	1,619,921	4,532,892

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

Coal produced by years from 1928 to 1932 inclusive:

DOMESTIC COAL FIELD

Areas	1928	1929	1930	1931	1932
Ardley	6,725	3,344	2,852	10,578	18,409
Big Valley	9,089	4,622	4,451	3,344	4,738
Brooks	5,666	6,633	7,992	4,905	6,622
Camrose	43,905	41,107	35,443	41,194	42,376
Carbon	110,286	111,308	91,027	85,824	88,837
Castor	34,100	31,583	24,759	24,162	37,043
Champion	8,755	10,498	12,441	12,113	17,296
Drumheller	1,487,483	1,574,766	1,433,350	1,070,543	1,245,474
Edmonton	452,671	476,702	417,310	370,252	454,293
Gleichen	3,289	2,844	3,055	3,235	5,260
Halcourt	636	475	436	2,080	2,275
Lethbridge	795,855	731,149	545,227	358,746	387,222
Magrath	598	910	969	1,749	1,808
Milk River	1,104	829	1,357	3,879	4,051
Pakowki	1,917	1,735	2,092	1,615	2,717
Pembina	158,907	162,271	119,983	92,916	99,051
Redcliff	25,697	27,283	25,180	25,119	24,045
Rochester	.....	.....	140	225	.....
Sexsmith	.....	.....	.....	34	.....
Sheerness	22,672	20,440	21,674	20,134	24,726
Steveville	.....	.....	.....	.....	136
Taber	58,950	22,173	12,303	11,863	14,387
Tofield	149,012	155,059	111,932	101,792	95,637
Wetaskiwin	159	.....	105	188	180
Wainwright	.....	18	.....	.....	.....
Whitecourt	119	.....	12	54	.....
No Area Assigned	605	.....	.....	.....	53
Pakan	.....	.....	.....	.....	195
Total	3,378,200	3,385,749	2,874,090	2,246,544	2,576,831

SUB-BITUMINOUS COAL FIELD

Coalspur	645,370	565,991	515,296	398,068	452,532
Morley	.....	.....	.....	.....	.....
Pekisko	2,189	4,493	4,225	873	1,527
Pincher	3,213	1,823	2,318	2,413	2,729
Prairie Creek	.....	6,713	15,425	35,523	66,784
Saunders	89,726	89,088	66,067	34,512	35,907
Total	740,498	668,108	603,331	471,389	559,479

BITUMINOUS COAL FIELD

Brule	75,203	.....	.....	.....	.....
Cascade	283,587	299,428	212,953	166,297	169,328
Crow's Nest	1,639,343	1,552,966	1,133,914	951,970	714,352
Mountain Park	975,584	993,404	726,777	560,875	711,383
Nordegg	241,764	247,595	204,846	167,215	138,657
Total	3,215,481	3,093,393	2,278,490	1,846,357	1,733,720

Total output of DOMESTIC COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	2,118	2,096	749	247	358	546	362	1,167	1,845	3,089	3,070	2,762	18,409
Big Valley	810	701	496	111	152	28	17	21	149	422	1,167	664	4,738
Brooks	492	550	489	139	108	110	84	177	510	1,191	848	1,924	6,622
Camrose	6,297	6,258	4,363	2,472	914	1,454	790	1,359	3,340	5,297	5,090	4,742	42,376
Carbon	11,709	12,270	8,159	2,729	1,311	730	911	2,187	6,492	12,564	16,145	13,630	88,837
Castor	5,640	4,926	2,521	529	252	331	303	408	1,309	6,611	8,809	5,404	37,043
Champion	1,526	1,752	1,521	592	471	428	535	808	1,433	3,051	2,934	2,245	17,296
Drumheller	171,400	171,936	96,082	31,929	16,440	14,169	10,234	46,013	123,202	240,259	173,675	150,135	1,245,474
Edmonton	64,709	63,891	45,512	20,097	14,496	11,894	9,422	14,814	28,780	57,345	60,912	62,421	454,293
Gleichen	530	553	492	158	109	94	76	124	293	947	969	915	5,260
Halcourt	543	367	218	26	4	.....	35	28	10	140	341	563	2,275
Lethbridge	40,824	43,379	30,884	11,217	8,245	11,081	9,733	27,693	45,286	68,124	47,587	43,169	387,222
Magrath	392	412	210	61	37	29	8	20	65	121	138	315	1,808
Milk River	193	140	141	545	38	40	76	85	256	1,270	830	437	4,051
Pakowki	114	126	151	14	18	4	14	49	129	873	843	382	2,717
Pembina	13,199	13,456	10,178	11,041	1,782	1,659	1,056	5,338	6,591	9,493	13,056	12,202	99,051
Redcliff	2,714	2,253	2,374	1,718	501	1,051	625	761	1,569	1,801	3,287	5,391	24,045
Sheerness	2,164	1,890	1,643	553	524	296	420	587	1,288	5,588	6,521	3,252	24,726
Steveville	33	56	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	136
Taber	1,354	944	1,205	440	363	229	160	367	1,217	3,259	2,832	2,017	14,387
Tofield	9,055	7,581	7,211	6,200	4,850	7,138	4,857	5,476	8,533	10,869	12,515	11,352	95,637
Wetaskiwin	43	32	11	2	.....	.....	.....	.....	.....	.....	.....	92	180
No Area	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53	.....	53
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195	195
Total	335,859	335,569	214,657	90,820	50,973	51,311	39,718	107,482	232,297	432,314	361,622	324,209	2,576,831

Total output of SUB-BITUMINOUS COAL by areas during each month:

Coalspur	48,639	43,732	36,297	33,740	30,742	19,667	11,703	22,834	36,467	53,935	54,742	60,034	452,532
Pekisko	286	296	165	31	79	66	100	63	66	114	116	145	1,527
Pincher	269	227	358	124	44	57	17	53	303	457	497	323	2,729
Prairie Creek	6,261	6,062	4,407	3,319	3,359	3,631	3,640	3,828	7,074	8,107	8,134	8,962	66,784
Saunders	3,815	4,635	1,166	476	434	542	909	2,459	5,987	6,329	5,283	3,872	35,907
Total	59,270	54,952	42,393	37,690	34,658	23,963	16,369	29,237	49,897	68,942	68,772	73,336	559,479

Total output of BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	9,401	13,329	15,131	13,257	14,866	24,047	16,595	15,245	14,182	11,279	9,083	12,913	169,328
Crow's Nest	51,564	82,141	53,049	32,664	44,247	92,194	74,443	53,575	63,973	43,822	47,292	75,388	714,352
Mountain Park	66,899	68,723	70,197	66,645	45,042	34,856	43,694	47,830	58,223	77,665	76,592	55,017	711,383
Nordegg	10,749	14,317	15,606	12,556	7,260	6,344	6,324	8,627	14,314	16,729	13,306	12,525	138,657
Total	138,613	178,510	153,983	125,122	111,415	157,441	141,056	125,277	150,692	149,495	146,273	155,843	1,733,720

Total output of COAL AND BRIQUETTES during the year:

Coal	533,742	569,031	411,033	253,632	197,046	232,715	197,143	261,996	432,886	650,751	576,667	553,388	4,870,030
Briquettes	1,850	1,761	1,472	112	217	1,288	486	908	1,039	1,289	1,308	1,852	13,582

Total Sales of SUB-BITUMINOUS COAL for consumption by Railroad Companies:

Coalspur	23,489	20,574	16,694	19,244	18,028	12,134	5,674	8,694	17,065	26,878	27,404	24,681	220,559
Prairie Creek	3,944	3,407	3,544	3,131	3,210	3,544	3,385	3,713	4,091	4,120	3,778	4,502	44,369
Saunders	421	327	263	70	108	214	.....	.....	.....	.....	.....	.....	1,403
Total	27,854	24,308	20,501	22,445	21,346	15,892	9,059	12,407	21,156	30,998	31,182	29,183	266,331

Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

Cascade	5,242	9,222	11,638	11,762	13,233	21,083	14,437	12,470	11,408	7,678	5,322	8,193	131,688
Crow's Nest	28,872	52,346	42,218	29,687	36,377	85,048	62,464	45,011	51,408	30,406	26,164	44,477	534,478
Mountain Park	51,665	55,116	57,644	55,376	33,567	25,254	36,467	39,308	46,023	61,191	60,058	39,672	561,341
Nordegg	8,713	12,012	14,148	10,024	8,007	6,025	5,975	8,191	13,691	15,914	12,013	11,370	126,083
Total	94,492	128,696	125,648	106,849	91,184	137,410	119,343	104,980	122,530	115,189	103,557	103,712	1,353,590
Grand Total	122,346	153,004	146,149	129,294	112,530	153,302	128,402	117,387	143,686	146,187	134,739	132,895	1,619,921

Total amount of Domestic Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Ardley	262	216	107	1	.....	34	96	466	515	648	516	652	3,513
Big Valley	186	167	62	15	35	.....	.....	2	25	33	20	200	745
Brooks	492	550	489	124	97	99	75	168	493	1,191	799	390	4,967
Camrose	1,537	1,585	890	854	278	586	254	585	928	1,409	1,625	1,466	11,997
Carbon	3,584	3,539	1,920	616	777	383	379	450	2,363	3,279	4,378	3,353	25,021
Castor	799	787	350	47	48	79	47	61	291	1,243	1,345	912	6,009
Champion	777	939	834	376	249	247	291	545	861	2,044	1,788	1,440	10,391
Drumheller	15,330	14,555	8,548	3,272	2,485	2,064	1,250	5,688	11,774	17,990	15,830	12,256	111,042
Edmonton	23,779	21,456	14,002	5,181	3,407	2,661	1,521	3,244	9,170	19,773	19,284	19,336	142,814
Gleichen	288	292	286	92	77	64	45	65	187	549	444	456	2,845
Halcourt	224	105	99	14	3	.....	.....	.....	8	40	155	127	775
Lethbridge	6,844	7,442	6,341	4,289	2,709	2,678	2,263	4,496	6,440	10,396	8,063	7,203	69,164
Magrath	263	243	132	31	24	18	6	14	37	92	90	260	1,210
Milk River	4	16	60	10	7	12	14	23	51	123	121	25	466
Pakowki	36	26	91	6	14	3	4	7	66	386	283	164	1,086
Pembina	1,693	1,679	1,051	1,142	43	96	.....	1,213	988	1,082	2,782	2,663	14,432
Redcliff	121	186	38	13	.....	.....	.....	1	227	230	357	479	1,652
Sheerness	159	14	259	40	66	38	19	70	321	1,661	1,505	391	4,543
Steveville	23	44	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	114
Taber	617	577	631	252	165	116	98	138	775	1,817	1,299	989	7,474
Tofield	796	531	428	212	150	150	150	150	447	864	977	782	5,637
Total	57,814	54,949	36,665	16,587	10,634	9,328	6,512	17,386	35,967	64,850	61,661	53,544	425,897

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	1,216	1,303	618	50	142	90	68	153	443	1,285	1,455	1,320	8,113
Big Valley	387	275	253	60	61	26	16	13	101	354	1,082	309	2,937
Brooks	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	1,507	1,518
Camrose	662	548	367	128	126	226	160	138	128	398	439	255	3,575
Carbon	769	1,070	453	136	69	69	66	255	602	975	1,279	1,179	6,922
Castor	4,625	3,788	2,000	410	169	219	236	316	944	5,049	7,024	3,861	28,641
Champion	591	657	546	138	163	117	181	164	366	568	750	480	4,721
Drumheller	572	649	524	509	198	121	127	111	460	642	1,021	884	5,818
Edmonton	4,126	4,569	4,492	4,200	3,255	3,367	2,907	4,470	1,529	4,328	7,449	8,260	52,952
Gleichen	224	235	190	59	25	30	27	59	90	351	490	423	2,203
Halcourt	225	216	87	.....	.....	.....	30	26	.....	87	155	399	1,773
Lethbridge	141	96	2,438	19	23	206	179	338	548	1,190	891	614	6,135
Magrath	8	34	.....	3	.....	.....	.....	.....	.....	.....	.....	3	48
Milk River	188	120	77	533	30	25	60	57	195	1,123	684	407	3,499
Pakowki	65	85	33	6	.....	.....	12	.....	51	417	457	156	1,282
Pembina	2,643	2,456	2,710	1,597	1,466	1,135	992	606	1,273	304	1,268	1,978	18,428
Redcliff	1,574	1,135	1,756	1,381	252	943	277	546	724	462	1,129	1,669	11,848
Sheerness	809	1,201	904	268	277	127	264	258	771	3,154	3,561	2,165	13,759
Taber	61	80	66	56	23	16	29	126	113	453	341	204	1,568
Tofield	1,602	1,424	890	283	203	130	285	162	840	722	1,986	1,420	9,947
Wetaskiwin	43	32	11	2	.....	.....	.....	.....	.....	.....	.....	92	180
No Area	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53	.....	53
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195	195
Total	20,531	19,973	18,415	9,838	6,482	6,858	5,916	7,798	9,178	21,862	31,514	27,780	186,145

NUT COAL

Ardley	162	195	1	113	114	172	78	196	178	385	366	437	2,397
Big Valley	119	125	68	15	31	.....	.....	1	9	15	32	80	495
Brooks	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	49	.....	60
Camrose	1,359	1,453	1,190	408	155	108	97	252	953	1,490	1,366	1,749	10,580
Carbon	3,251	2,933	2,185	583	324	178	264	541	1,534	2,693	3,307	3,844	21,637
Castor	16	25	26	8	4	1	2	.....	1	53	47	28	211
Champion	93	82	82	52	38	45	44	65	137	334	285	212	1,469
Drumheller	4,934	4,542	3,131	1,843	1,264	1,279	512	1,766	3,509	7,122	5,637	3,918	39,457
Edmonton	17,870	19,881	15,510	5,400	4,154	3,131	3,000	4,088	9,360	16,315	17,226	17,308	133,243
Gleichen	16	25	16	7	7	.....	4	.....	16	47	35	36	209
Halcourt	5	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Lethbridge	2,735	3,164	91	1,217	602	591	891	1,687	2,013	3,691	3,060	2,486	22,228
Magrath	113	114	67	17	6	10	2	6	21	22	28	46	452
Pembina	1,790	2,489	1,613	1,831	.....	.....	.....	692	665	552	634	660	10,926
Redcliff	12	8	17	6	.....	2	.....	.....	8	137	82	26	298
Sheerness	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	95	10	153
Taber	126	70	198	2	12	4	5	5	35	216	228	175	1,076
Tofield	41	31	20	.....	.....	.....	.....	.....	.....	1,032	205	349	1,678
Total	32,690	35,139	24,220	11,502	6,722	5,521	4,899	9,299	18,439	34,104	32,682	31,364	246,581

SLACK COAL

Ardley	39	.....	.....	.....	15	.....	.....	37	2	34	139	8	274
Big Valley	15	.....	60	1	.....	.....	.....	.....	.....	.....	.....	.....	76
Brooks	.....	.....	.....	15	.....	.....	9	.....	1	.....	.....	27	52
Camrose	447	566	204	139	154	45	46	60	92	78	252	185	2,268
Carbon	1,078	1,041	630	514	15	6	.....	128	518	1,205	1,370	1,429	7,934
Castor	68	48	.....	16	.....	.....	.....	.....	.....	40	16	23	211
Champion	45	48	39	17	8	8	10	15	23	60	.....	.....	273
Drumheller	7,596	9,485	5,047	3,183	2,104	1,848	1,382	4,989	7,003	7,962	8,197	6,905	65,701
Edmonton	13,361	12,730	8,713	3,746	2,562	1,856	1,545	2,050	5,333	10,835	12,008	12,807	87,096
Gleichen	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Halcourt	25	18	12	6	.....	.....	.....	.....	2	10	11	22	106
Lethbridge	1,037	1,758	1,665	302	435	493	552	2,251	4,606	7,452	4,991	5,267	30,809
Magrath	8	21	9	2	.....	1	.....	.....	.....	7	.....	.....	48
Pakowki	3	.....	2	2	2	1	.....	2	.....	40	.....	.....	52
Pembina	1,655	1,507	1,115	2,068	100	49	.....	792	841	717	995	863	10,702
Redcliff	27	26	23	2	4	2	2	1	34	121	106	62	410
Sheerness	5	9	.....	4	12	.....	.....	.....	.....	28	.....	33	91
Steveville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	32	32	.....	69	120	53	.....	.....	50	100	152	103	711
Tofield	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
Total	25,512	27,290	17,519	10,086	5,531	4,362	3,546	10,325	18,505	28,239	28,237	27,734	206,886

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	722	752	460	145	95	117	483	266	904	1,565	931	1,019	7,459
Pincher	110	73	113	34	24	15	9	8	27	112	93	125	743
Prairie Creek	174	214	72	10	.....	.....	2	7	197	395	255	266	1,592
Saunders	220	355	32	90	33	61	33	158	491	477	230	195	2,375
Total	1,226	1,394	677	279	152	193	527	439	1,619	2,549	1,509	1,605	12,169

MINE-RUN COAL

Coalspur	200	113	66	47	62	64	52	47	81	98	71	116	1,017
Pekisko	137	162	150	21	22	40	85	63	100	104	89	112	1,085
Pincher	24	42	48	73	.....	.....	.....	.....	68	.....	.....	.....	255
Prairie Creek	118	49	32	63	68	6	5	31	65	94	233	127	891
Saunders	77	128	81	40	72	38	111	71	114	135	182	29	1,078
Total	556	494	377	244	224	148	253	212	428	431	575	384	4,326

NUT COAL

Coalspur	65	89	89	76	10	157	67	231	621	486	335	732	2,958
Pincher	121	95	174	.....	20	37	4	4	73	176	183	134	1,021
Prairie Creek	44	43	92	.....	.....	.....	3	.....	37	289	241	181	930
Saunders	280	383	199	87	.....	58	133	185	234	125	358	351	2,393
Total	510	610	554	163	30	252	207	420	965	1,076	1,117	1,398	7,302

SLACK COAL

Coalspur	.....	.....	31	.....	.....	.....	.....	32	.....	740	227	439	1,469
Pincher	9	10	15	10	.....	.....	.....	.....	7	46	86	25	208
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	106	321	289	716
Total	9	10	46	10	.....	.....	.....	32	7	892	634	753	2,393

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Cascade	226	182	172	137	27	60	15	60	171	117	180	228	1,575
Crow's Nest	418	473	290	152	113	89	51	146	185	248	347	426	2,938
Mountain Park	120	154	113	89	160	43	40	24	78	127	147	157	1,252
Total	764	809	575	378	300	192	106	230	434	492	674	811	5,765

MINE-RUN COAL

Cascade	50	.....	.....	48	.....	.....	119	36	109	82	9	.....	453
Crow's Nest	2,062	2,271	1,412	522	364	378	168	1,003	1,945	1,391	1,964	3,116	16,596
Mountain Park	610	570	559	428	120	414	388	255	609	476	450	381	5,253
Nordegg	513	828	599	72	32	59	42	61	179	151	269	262	3,067
Total	3,235	3,669	2,563	1,070	516	851	717	1,355	2,842	2,100	2,692	3,759	25,369

NUT COAL

Cascade	50	50	50	45	12	12	12	12	.....	40	40	40	363
Crow's Nest	145	90	88	12	10	9	10	17	46	98	102	131	758
Mountain Park	.....	.....	.....	422	.....	270	.....	.....	.....	.....	.....	.....	692
Total	195	140	138	479	22	291	22	29	46	138	142	171	1,813

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest	657	840	305	113	58	116	429	873	279	313	240	875	5,098
Mountain Park	3	478	343	.....	501	.....	260	238	498	512	817	917	4,567
Total	660	1,318	648	113	559	116	689	1,111	777	825	1,057	1,792	9,665

Total amount of Domestic Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Carbon	66	32	.....	.....	31	.....	.....	.....	76	105	131	174	615
Drumheller	4,681	3,691	1,092	945	145	238	238	1,027	6,518	3,467	3,856	4,894	30,792
Edmonton	66	98	.....	.....	.....	.....	.....	.....	98	.....	.....	.....	262
Lethbridge	2,746	2,782	1,262	485	228	1,002	456	1,873	3,566	3,795	2,300	3,003	23,598
Pembina	687	486	34	.....	.....	.....	.....	214	306	120	374	565	2,786
Redcliff	33	.....	.....	60	.....	.....	.....	.....	32	.....	.....	.....	125
Taber	31	.....	.....	.....	.....	.....	.....	.....	32	33	.....	30	126
Total	8,310	7,089	2,388	1,490	504	1,240	694	3,114	10,628	7,520	6,661	8,666	58,304

MINE-RUN COAL

Carbon	30	.....	.....	.....	.....	.....	.....	.....	35	.....	.....	.....	65

NUT COAL

Carbon	.....	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
Drumheller	1,998	1,951	1,080	515	324	348	161	536	1,664	2,005	1,383	2,160	14,125
Edmonton	98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98
Lethbridge	1,037	774	333	161	135	186	70	317	999	1,252	592	511	6,367
Pembina	885	667	389	513	.....	.....	.....	471	498	418	662	660	5,163
Total	4,018	3,428	1,802	1,189	459	534	231	1,324	3,161	3,675	2,637	3,331	25,789

SLACK COAL

Drumheller	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Pincher	.....	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	.....	33
Coalspur	4,449	2,821	1,309	463	75	174	410	491	1,385	2,578	2,331	4,038	20,494
Prairie Creek	287	476	96	.....	.....	.....	.....	.....	278	531	882	1,107	3,657
Saunders	66	93	.....	.....	.....	.....	.....	59	145	131	65	94	653
Total	4,772	3,390	1,405	463	75	174	410	550	1,841	3,240	3,278	5,239	24,837

MINE-RUN COAL

Coalspur	.....	65	.....	.....	.....	.....	100	33	32	.....	.....	.....	230

NUT COAL

Coalspur	1,669	1,575	710	518	33	191	597	543	1,444	1,195	1,541	1,598	11,614
Prairie Creek	93	130	32	.....	.....	.....	.....	.....	264	241	286	431	1,477
Saunders	.....	.....	.....	.....	.....	.....	.....	35	35	.....	.....	33	103
Total	1,762	1,705	742	518	33	191	597	578	1,743	1,436	1,827	2,062	13,194

SLACK COAL

Coalspur	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	.....	31

Total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	39	.....	.....	.....	.....	.....	.....	.....	.....	34	44	43	160
Crow's Nest	100	111	33	.....	.....	118	30	167	378	283	104	126	1,450
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	.....	.....	32
Total	139	111	33	.....	.....	118	30	167	378	349	148	169	1,642

MINE-RUN COAL

Cascade	33	32	.....	31	34	.....	33	43	33	.....	80	33	352
Crow's Nest	180	146	96	36	34	.....	.....	84	276	30	48	180	1,110
Mountain Park	.....	.....	33	.....	.....	.....	.....	.....	48	.....	.....	.....	81
Total	213	178	129	67	68	.....	33	127	357	30	128	213	1,543

NUT COAL

Cascade	35	.....	.....	.....	.....	.....	.....	.....	.....	116	.....	46	197
Crow's Nest	48	32	.....	.....	.....	.....	.....	.....	33	101	63	78	355
Total	83	32	.....	.....	.....	.....	.....	.....	33	217	63	124	552

SLACK COAL

Crow's Nest	1,857	3,476	3,212	.....	.....	.....	.....	1,048	176	49	33	67	9,918
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	49	1	.....	.....	50
Total	1,857	3,476	3,212	.....	.....	.....	.....	1,048	225	50	33	67	9,968

Total amount of Domestic Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Ardley	166	200	.....	.....	65	197	62	100	303	327	302	67	1,789
Castor	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	190	223
Camrose	850	937	636	328	.....	.....	.....	33	404	838	372	214	4,612
Carbon	978	1,061	589	72	.....	.....	.....	342	352	1,383	1,731	1,650	8,158
Drumheller	65,523	66,177	34,053	7,590	3,619	3,395	2,639	18,315	51,275	109,003	66,781	57,600	485,970
Edmonton	1,322	1,643	450	670	225	392	117	461	692	2,724	1,069	1,011	10,776
Lethbridge	12,867	14,439	10,983	3,061	1,475	1,769	2,928	10,234	16,045	24,327	15,749	12,326	126,203
Pembina	130	73	18	.....	.....	32	.....	32	.....	1,174	701	236	2,396
Redcliff	240	208	68	.....	.....	.....	.....	.....	206	202	822	891	2,637
Sheerness	.....	90	30	.....	.....	.....	.....	.....	.....	30	70	.....	220
Taber	129	34	97	.....	.....	.....	.....	.....	.....	66	375	246	947
Tofield	1,148	300	95	907	.....	.....	74	104	293	2,737	1,564	241	7,463
Total	83,353	85,162	47,019	12,628	5,384	5,785	5,820	29,621	69,570	142,811	89,569	74,672	651,394

MINE-RUN COAL

Camrose	34	.....	226	.....	30	65	32	30	32	95	69	.....	613
Drumheller	829	1,119	1,559	810	100	134	113	158	249	1,358	1,227	655	8,311
Edmonton	644	.....	229	.....	.....	.....	.....	.....	.....	.....	.....	.....	873
Lethbridge	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
Pembina	.....	.....	43	153	.....	.....	.....	.....	.....	527	.....	213	936
Redcliff	564	594	427	212	241	82	334	198	254	530	603	1,052	5,091
Sheerness	716	302	129	90	.....	30	30	120	.....	218	443	366	2,444
Tofield	2,443	2,373	2,080	2,315	2,304	4,832	2,320	3,122	5,353	3,282	5,165	4,569	40,128
Total	5,234	4,388	4,693	3,580	2,675	5,143	2,829	3,628	5,888	6,010	7,507	6,855	58,430

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	69	.....	31	.....	.....	.....	.....	37	95	68	32	.....	332
Camrose	779	685	360	334	63	132	68	33	280	280	248	364	3,626
Carbon	32	32	203	264	.....	.....	.....	161	63	598	689	310	2,352
Drumheller	16,883	17,582	11,517	4,923	2,806	1,357	1,388	4,992	11,701	25,447	16,832	13,408	128,837
Edmonton	1,524	1,612	744	128	223	31	32	159	649	1,756	1,058	1,056	8,972
Lethbridge	2,224	2,764	2,018	468	238	483	306	1,862	2,864	4,251	3,181	2,252	22,911
Pembina	33	72	179	1,897	.....	.....	.....	.....	169	1,368	1,340	1,621	6,679
Redcliff	.....	.....	.....	.....	.....	.....	.....	.....	32	119	68	908	1,127
Sheerness	94	.....	.....	.....	.....	.....	.....	.....	.....	129	231	.....	454
Taber	.....	.....	.....	.....	.....	.....	.....	33	75	165	165	63	501
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	66	31	.....	97
Total	21,638	22,747	15,053	8,014	3,330	2,003	1,794	7,277	15,928	34,247	23,875	19,982	175,888

SLACK COAL

Ardley	125	64	.....	63	.....	33	33	133	236	280	.....	.....	967
Camrose	330	193	290	388	302	264	99	164	52	149	193	260	2,684
Carbon	.....	.....	170	110	.....	.....	.....	.....	.....	.....	.....	273	553
Drumheller	14,521	15,488	9,338	3,293	1,723	1,480	758	2,860	9,649	17,662	13,710	14,026	104,508
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	606	.....	.....	.....	606
Lethbridge	2,099	2,347	.....	47	.....	.....	.....	.....	.....	34	67	.....	4,594
Pembina	1,385	1,853	1,327	343	41	251	.....	.....	212	1,176	1,233	1,107	8,928
Sheerness	30	.....	30	30	30	.....	.....	.....	.....	.....	.....	.....	120
Tofield	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	30
Total	18,490	19,945	11,155	4,274	2,096	2,028	920	3,157	10,755	19,301	15,203	15,666	122,990

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Coalspur	422	412	109	78	.....	.....	.....	412	1,217	1,057	604	362	4,673
Prairie Creek	63	31	.....	.....	.....	.....	.....	.....	195	347	162	100	898
Saunders	912	856	155	.....	.....	.....	73	248	1,583	1,296	751	801	6,675
Total	1,397	1,299	261	78	.....	.....	73	660	2,995	2,700	1,517	1,263	12,246

MINE-RUN COAL

Coalspur	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	95	300	426
Pincher	.....	.....	.....	.....	.....	.....	.....	.....	.....	68	.....	.....	68
Prairie Creek	111	171	.....	.....	.....	.....	.....	.....	85	45	75	155	642
Saunders	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Total	141	202	.....	.....	.....	.....	.....	.....	85	113	170	455	1,166

NUT COAL

Coalspur	1,532	821	1,137	1,757	2,611	288	.....	2,712	65	488	267	323	12,001
Prairie Creek	63	64	.....	.....	.....	.....	.....	.....	96	122	65	31	441
Saunders	314	359	.....	.....	.....	98	79	249	677	1,101	790	408	4,075
Total	1,909	1,244	1,137	1,757	2,611	386	79	2,961	838	1,711	1,122	762	16,517

SLACK COAL

Coalspur	285	.....	233	227	473	63	122	164	.....	....	.....	53	1,620
Saunders	290	325	28	.....	.....	.....	64	152	246	359	320	276	2,060
Total	575	325	261	227	473	63	186	316	246	359	320	329	3,680

Amount of Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	75	69	.....	.....	.....	.....	.....	35	34	69	71	69	422
Crow's Nest	1,015	442	385	.....	.....	.....	.....	94	646	578	397	318	3,875
Mountain Park	.....	185	221	33	.....	.....	.....	.....	145	84	34	97	799
Total	1,090	696	606	33	.....	.....	.....	129	825	731	502	484	5,096

MINE-RUN COAL

Cascade	34	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	34	102
Crow's Nest	3,847	3,812	2,776	290	160	79	722	868	2,417	2,980	2,865	3,551	24,367
Mountain Park	407	216	168	34	115	67	101	101	117	265	181	181	1,953
Nordegg	.....	57	.....	.....	.....	.....	41	.....	.....	.....	.....	.....	98
Total	4,288	4,085	2,944	324	275	146	864	969	2,534	3,279	3,046	3,766	26,520

NUT COAL

Cascade	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85	85
Crow's Nest	144	47	48	.....	.....	.....	.....	.....	264	206	101	66	876
Mountain Park	.....	34	.....	.....	.....	.....	.....	.....	34	.....	.....	.....	68
Total	144	81	48	.....	.....	.....	.....	.....	298	206	101	151	1,029

SLACK COAL

Cascade	.....	.....	.....	34	30	.....	.....	.....	.....	.....	.....	.....	64
Crow's Nest	1,624	2,003	1,262	2,315	1,474	1,758	1,254	227	1,766	1,706	1,905	3,158	20,452
Mountain Park	96	34	230	67	68	33	35	69	101	170	181	415	1,499
Nordegg	.....	57	.....	.....	34	45	99	.....	.....	58	118	.....	411
Total	1,720	2,094	1,492	2,416	1,606	1,836	1,388	296	1,867	1,934	2,204	3,573	22,426

Amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Ardley	34	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	.....	67
Camrose	67	98	64	.....	.....	81	31	33	64	34	74	31	577
Carbon	781	609	272	.....	.....	.....	37	.....	266	566	1,226	449	4,206
Drumheller	25,243	22,744	13,702	2,839	751	1,043	503	3,360	12,540	30,963	26,857	21,464	162,009
Edmonton	305	316	228	33	.....	.....	.....	31	73	335	763	189	2,273
Lethbridge	1,669	1,700	264	34	713	1,381	283	605	1,649	2,941	2,656	2,329	16,224
Pembina	201	202	105	.....	.....	.....	.....	31	228	329	328	200	1,624
Redcliff	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	69	139
Taber	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	31	64
Total	28,515	25,669	14,635	2,906	1,464	2,505	854	4,060	14,853	35,168	31,972	24,762	187,363

MINE-RUN COAL

Drumheller	.....	.....	.....	.....	.....	.....	.....	.....	156	32	.....	.....	188
Lethbridge	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
Tofield	2,836	2,772	3,548	2,133	1,843	1,676	1,648	1,588	1,450	2,006	2,383	3,810	27,693
Total	2,870	2,772	3,548	2,133	1,843	1,676	1,648	1,588	1,606	2,038	2,383	3,810	27,915

NUT COAL

Carbon	842	1,152	975	459	.....	.....	.....	139	316	963	798	848	6,492
Drumheller	3,746	5,246	3,189	936	347	235	357	555	2,702	5,927	4,558	3,846	31,409
Edmonton	62	65	30	31	.....	.....	.....	.....	.....	.....	484	69	741
Lethbridge	131	167	41	.....	32	.....	45	99	66	372	200	165	1,318
Pembina	608	565	416	207	70	32	.....	.....	430	756	616	446	4,146
Total	5,389	7,195	4,651	1,633	449	267	402	793	3,514	8,018	6,656	5,374	44,106

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Carbon	.....	360	478	.....	.....	.....	.....	.....	133	.....	.....	339	1,310
Drumheller	4,272	3,108	829	66	.....	.....	50	139	944	2,881	2,654	2,209	17,152
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	266	.....	.....	.....	266
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	407	.....	452
Total	4,272	3,468	1,307	66	.....	.....	50	139	1,343	2,926	3,061	2,548	19,180

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Coalspur	3,278	2,860	886	.....	.....	45	485	1,234	2,372	3,296	3,253	3,410	21,119
Prairie Creek	462	410	98	.....	.....	.....	62	.....	205	195	427	282	2,141
Saunders	301	473	.....	30	.....	.....	40	310	1,111	920	842	503	4,530
Total	4,041	3,743	984	30	.....	45	587	1,544	3,688	4,411	4,522	4,195	27,790

MINE-RUN COAL

Coalspur	.....	40	.....	.....	56	.....	.....	.....	43	.....	.....	.....	139
Prairie Creek	96	74	94	33	.....	.....	.....	.....	.....	29	.....	88	414
Total	96	114	94	33	56	.....	.....	.....	43	29	.....	88	553

NUT COAL

Coalspur	2,637	2,428	2,976	994	412	506	577	675	1,084	1,078	1,540	2,345	17,252
Prairie Creek	31	95	30	.....	.....	.....	.....	.....	97	32	135	31	451
Saunders	96	135	90	28	.....	.....	34	571	93	531	478	297	2,353
Total	2,764	2,658	3,096	1,022	412	506	611	1,246	1,274	1,641	2,153	2,673	20,056

SLACK COAL

Coalspur	1,220	1,205	723	201	42	85	350	208	561	737	1,018	1,342	7,692
Prairie Creek	528	676	130	.....	.....	.....	.....	.....	1,202	1,138	948	1,029	5,651
Saunders	74	130	.....	24	.....	.....	32	.....	319	214	284	136	1,213
Total	1,822	2,011	853	225	42	85	382	208	2,082	2,089	2,250	2,507	14,556

Amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Cascade	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	32	66
Crow's Nest	160	129	46	.....	.....	.....	191	31	34	68	114	34	807
Mountain Park	.....	.....	34	31	41	34	40	34	182	268	236	175	1,075
Total	160	129	80	31	41	34	231	65	216	370	350	241	1,948

MINE-RUN COAL

Cascade	.....	.....	.....	.....	.....	.....	.....	47	.....	.....	.....	.....	47
Crow's Nest	1,062	953	304	49	44	89	75	181	690	568	854	1,004	5,873
Mountain Park	1,866	1,983	1,267	642	852	34	81	.....	287	989	965	986	9,952
Nordegg	134	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	168
Total	3,062	2,970	1,571	691	896	123	156	228	977	1,557	1,819	1,990	16,040

NUT COAL

Cascade	213	250	131	.....	.....	.....	.....	.....	68	177	234	328	1,401
Crow's Nest	34	.....	.....	.....	.....	.....	.....	.....	34	.....	36	.....	104
Mountain Park	.....	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
Total	247	297	131	.....	.....	.....	.....	.....	102	177	270	328	1,552

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	168	369	150	.....	.....	92	.....	.....	68	226	496	289	1,858
Crow's Nest	4,440	6,175	2,173	35	32	565	646	529	1,691	2,699	7,938	9,609	36,532
Mountain Park	9,684	7,843	7,044	7,310	7,601	6,733	4,186	5,695	8,001	11,122	10,791	9,764	95,774
Nordegg	332	331	463	.....	.....	.....	30	.....	34	.....	48	310	1,548
Total	14,624	14,718	9,830	7,345	7,633	7,390	4,862	6,224	9,794	14,047	19,273	19,972	135,712

Amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Drumheller	1,166	1,691	321	201	.....	97	147	481	826	2,644	1,651	1,530	10,755
Edmonton	.....	.....	.....	.....	39	.....	.....	.....	.....	18	.....	63	120
Lethbridge	95	74	33	.....	87	78	.....	97	121	81	141	156	963
Total	1,261	1,765	354	201	126	175	147	578	947	2,743	1,792	1,749	11,838

NUT COAL

Carbon	.....	.....	63	.....	.....	.....	.....	.....	.....	.....	.....	70	133
Drumheller	352	275	129	.....	31	.....	64	67	176	295	370	357	2,116
Lethbridge	32	.....	66	.....	.....	.....	.....	.....	.....	32	33	.....	163
Pembina	33	32	.....	.....	.....	.....	.....	.....	.....	66	33	63	227
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	18
Total	417	307	258	.....	31	.....	64	67	176	411	436	490	2,657

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Coalspur	532	524	45	66	.....	.....	.....	144	306	312	283	239	2,451
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	32	103	.....	.....	135
Saunders	308	493	94	.....	30	.....	170	38	447	371	352	200	2,503
Total	840	1,017	139	66	30	.....	170	182	785	786	635	439	5,089

MINE-RUN COAL

Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	41	.....	.....	41

SLACK COAL

Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38	.....	38

NUT COAL

Coalspur	.....	32	.....	.....	.....	.....	.....	33	51	69	97	.....	282
Prairie Creek	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Saunders	.....	67	.....	.....	.....	.....	.....	.....	.....	33	33	94	227
Total	32	99	.....	.....	.....	.....	.....	33	51	102	130	94	541

Amount of Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	103	34	171

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	47	33	82	162

NUT COAL

Crow's Nest	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Quebec:

LUMP COAL

Saunders	.....	33	.....	.....	.....	.....	.....	.....	33	34	35	.....	135

Amount of Domestic Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Drumheller	537	299	35	35	.....	.....	.....	35	68	243	133	339	1,724
Lethbridge	958	1,095	574	98	.....	.....	.....	424	462	592	770	1,572	6,545
Taber	.....	.....	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Total	1,495	1,394	641	133	.....	.....	.....	459	530	835	903	1,911	8,301

MINE-RUN COAL

Lethbridge	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95
Pembina	.....	.....	.....	.....	.....	.....	.....	414	.....	.....	.....	.....	414
Total	95	.....	.....	.....	.....	.....	.....	414	.....	.....	.....	.....	509

NUT COAL

Carbon	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Drumheller	1,336	1,320	490	32	.....	.....	.....	64	315	330	752	559	5,198
Lethbridge	884	910	357	96	.....	.....	.....	526	1,016	1,162	711	1,136	6,798
Total	2,252	2,230	847	128	.....	.....	.....	590	1,331	1,492	1,463	1,695	12,028

SLACK COAL

Drumheller	168	164	.....	48	.....	.....	.....	.....	.....	43	.....	.....	423
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47	47
Total	168	164	.....	48	.....	.....	.....	.....	.....	43	.....	47	470

Amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in the United States:

MINE-RUN COAL

Pincher	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68	34	102
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	.....	34
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	68	34	136

SLACK COAL

Pincher	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	34
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	.....	34
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	34	.....	68

Amount of Bituminous Coal disposed of by areas during each month for consumption in the United States:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest	93	95	.....	.....	.....	.....	.....	.....	127	67	128	97	607

MINE-RUN COAL

Crow's Nest	.....	82	.....	.....	.....	.....	.....	.....	.....	.....	30	49	161

NUT COAL

Crow's Nest	.....	.....	.....	.....	.....	.....	.....	.....	.....	48	.....	.....	48

SLACK COAL

Crow's Nest	973	1,613	450	74	.....	.....	44	51	191	195	623	824	5,038

Amount of Domestic Coal used under Colliery Boilers by areas during each month:

Ardley	45	38	22	20	22	20	20	45	40	61	90	95	518
Brooks	.....	.....	.....	.....	.....	.....	.....	9	16	.....	.....	.....	25
Camrose	64	68	56	47	43	43	35	39	47	56	52	52	602
Carbon	110	110	75	45	15	10	10	20	58	30	40	30	553
Castor	20	24	20	.....	.....	.....	.....	.....	.....	22	44	45	175
Drumheller	1,700	1,845	1,485	913	620	510	535	865	1,660	2,106	2,090	2,110	16,439
Edmonton	1,142	1,146	841	708	621	456	300	311	651	848	1,144	1,614	9,782
Lethbridge	3,688	3,313	3,755	2,529	2,450	2,353	2,295	3,122	3,108	3,731	3,218	3,171	36,733
Magrath	.....	.....	.....	8	7	.....	.....	.....	7	.....	.....	6	28
Pembina	976	855	1,033	911	240	65	60	358	561	857	857	845	7,618
Sheerness	190	182	168	105	127	96	95	128	135	195	182	148	1,751
Taber	16	.....	22	1	.....	.....	.....	.....	.....	.....	.....	.....	39
Tofield	150	150	150	350	350	350	350	350	150	150	150	150	2,800
Redcliff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85	.....	85
Total	8,101	7,731	7,627	5,637	4,495	3,903	3,700	5,247	6,433	8,056	7,952	8,266	77,148

Amount of Sub-Bituminous Coal used under Colliery Boilers by areas during each month:

Coalspur	2,335	2,182	2,240	1,932	1,615	1,463	1,114	1,022	1,549	2,023	2,135	2,291	21,901
Prairie Creek	215	222	187	82	81	81	183	77	230	320	326	343	2,347
Pincher	.....	.....	.....	.....	.....	2	2	4	.....	.....	.....	.....	8
Saunders	426	478	224	107	97	135	172	383	436	584	525	455	4,022
Total	2,976	2,882	2,651	2,121	1,793	1,681	1,471	1,486	2,215	2,927	2,986	3,089	28,278

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

Cascade	1,411	1,528	1,543	1,146	1,202	1,690	1,501	1,507	1,192	1,367	1,397	1,558	17,042
Crow's Nest	2,809	2,898	2,079	1,584	1,481	1,919	1,391	1,464	1,776	1,615	1,660	2,390	23,066
Mountain Park	2,448	2,063	2,548	2,213	2,017	1,974	2,096	2,106	2,051	2,394	2,629	2,238	26,777
Nordegg	777	792	882	668	490	395	401	420	432	591	620	818	7,286
Total	7,445	7,281	7,052	5,611	5,190	5,978	5,389	5,497	5,451	5,967	6,306	7,004	74,171
Grand Total	18,522	17,894	17,330	13,369	11,478	11,562	10,560	12,230	14,099	16,950	17,244	18,359	179,597

Amount of Domestic Coal used by Colliery Railroads by areas during each month:

Lethbridge	24	36	20	.....	2	.....	.....	15	18	21	12	13	161
Pembina	65	60	35	65	.....	.....	.....	20	20	30	40	40	375
Redcliff	108	96	45	44	4	22	12	15	52	.....	.....	192	590
Total	197	192	100	109	6	22	12	50	90	51	52	245	1,126

Amount of Sub-Bituminous Coal used by Colliery Railroads by areas during each month:

Coalspur	610	510	535	510	435	245	180	195	215	430	455	456	4,776

Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	21	36	33	30	33	54	36	36	33	27	21	30	390
Crow's Nest	40	67	82	87	90	87	73	45	50	30	35	45	731
Total	61	103	115	117	123	141	109	81	83	57	56	75	1,121

Amount of Bituminous Coal used making Briquettes:

Cascade	1,714	1,631	1,360	103	201	1,199	454	851	973	1,202	1,223	1,718	12,629

Amount of Domestic Coal Put to Stock by areas during each month:

Ardley	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	160	180	345
Castor	.....	.....	.....	10	.....	.....	.....	.....	.....	25	.....	.....	35
Drumheller	110	80	74	50	50	70	80	85	98	2,235	45	1,060	4,037
Lethbridge	2,347	1,701	1,249	297	106	290	511	211	1,290	2,533	1,281	1,295	13,111
Pembina	245	265	225	179	.....	.....	.....	280	445	17	560	42	2,258
Pakowki	.....	.....	.....	.....	.....	.....	.....	40	.....	25	.....	.....	65
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	30	308	140	10	488
Total	2,702	2,046	1,548	536	156	360	596	616	1,863	5,143	2,186	2,587	20,339

Amount of Sub-Bituminous Coal Put to Stock by areas during each month:

Coalspur	160	160	180	.....	.....	.....	.....	.....	50	55	100	676	1,381
Pekisko	18	.....	.....	.....	.....	.....	.....	10	.....	3	.....	5	36
Pincher	.....	7	8	7	.....	3	2	37	95	.....	40	10	209
Saunders	.....	.....	.....	.....	94	32	.....	.....	23	.....	.....	.....	149
Total	178	167	188	7	94	35	2	47	168	58	140	691	1,775

Amount of Bituminous Coal Put to Stock by areas during each month:

Cascade	210	160	204	120	211	65	50	195	278	344	300	477	2,614
Crow's Nest	716	3,034	.....	.....	3,589	193	5,158	115	.....	382	890	1,657	15,734
Nordegg	280	486	.....	1,792	489	308	45	.....	.....	15	238	.....	3,653
Total	1,206	3,680	204	1,912	4,289	566	5,253	310	278	741	1,428	2,134	22,001

Amount of Bituminous Coal used in making Coke:

Crow's Nest	.....	.....	.....	.....	.....	.....	.....	514	600	608	603	2,266	4,591

Amount of Domestic Coal Put to Waste by areas during each month:

Ardley	.....	80	.....	.....	.....	.....	.....	.....	.....	1	10	3	94
Big Valley	103	134	53	20	25	2	1	5	14	20	33	75	485
Camrose	168	125	80	.....	.....	.....	.....	.....	360	470	400	166	1,769
Carbon	332	295	146	72	80	84	155	151	176	767	1,196	354	3,808
Castor	112	254	125	38	31	32	18	31	73	179	300	345	1,538
Champion	20	26	20	9	13	11	9	19	46	45	111	113	442
Drumheller	10	35	18	.....	6	.....	.....	.....	.....	.....	226	.....	295
Edmonton	410	375	273	.....	10	.....	.....	.....	323	537	362	703	2,993
Halcourt	64	26	15	6	1	.....	5	2	.....	3	20	15	157
Lethbridge	654	664	495	67	109	77	129	458	688	932	566	542	5,381
Magrath	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	20	.....	22
Milk River	1	4	4	2	1	3	2	5	10	24	25	5	86
Pakowki	10	15	25	.....	2	.....	2	.....	12	70	103	62	201
Pembina	460	440	150	360	.....	.....	.....	215	235	445	650	560	3,515
Redcliff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43	43
Sheerness	113	92	123	16	12	5	12	11	61	173	434	139	1,191
Steveville	10	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
Taber	162	151	159	60	43	40	28	65	187	499	422	207	1,933
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	21	.....	31
Total	2,629	2,728	1,688	650	323	254	361	962	2,185	4,085	4,899	3,332	24,106

Amount of Sub-Bituminous Coal Put to Waste by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	5,189	6,538	7,874	7,482	7,280	4,488	1,514	5,698	7,422	10,875	12,104	15,714	92,178
Pekisko	131	134	15	10	57	26	15	4	.....	10	30	30	462
Pincher	5	.....	.....	.....	.....	.....	.....	.....	.....	20	30	20	75
Total	5,325	6,672	7,889	7,492	7,337	4,514	1,529	5,702	7,422	10,905	12,164	15,764	92,715

Amount of Bituminous Coal Put to Waste by areas during each month:

Cascade	10	10	10	5	3	3	3	3	10	10	10	10	87
Crow's Nest	658	1,006	1,219	.....	421	2,466	1,737	1,280	1,263	724	1,005	1,841	13,620
Total	668	1,016	1,229	5	424	2,469	1,740	1,283	1,273	734	1,015	1,851	13,707

Amount of Domestic Coal Lifted from Stock by areas during each month:

Ardley	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Camrose	.....	.....	.....	154	237	96	32	8	.....	.....	.....	.....	527
Carbon	176	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176
Drumheller	140	110	80	74	133	50	70	80	85	98	135	45	1,100
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75	.....	75
Lethbridge	1,551	1,847	1,101	1,953	1,199	506	1,175	922	213	706	1,302	919	13,394
Pakowki	.....	.....	.....	.....	.....	.....	.....	.....	.....	65	.....	.....	65
Pembina	290	245	265	225	178	1	.....	.....	280	445	17	560	2,506
Total	2,157	2,202	1,476	2,406	1,747	653	1,277	1,010	578	1,314	1,529	1,524	17,873

Amount of Sub-Bituminous Coal Lifted from Stock by areas during each month:

Coalspur	125	.....	.....	.....	485	353	22	.....	.....	25	80	100	1,190
Pekisko	.....	.....	.....	.....	.....	.....	.....	14	34	3	3	2	56
Pincher	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	37	25	95
Saunders	.....	.....	.....	.....	.....	94	32	.....	.....	23	.....	.....	149
Total	125	.....	.....	.....	485	447	54	14	34	84	120	127	1,490

Amount of Bituminous Coal Lifted from Stock by areas during each month:

Cascade	130	210	160	204	120	211	65	50	195	278	344	300	2,267
Crow's Nest	436	.....	5,429	2,292	.....	720	.....	173	2,302	1,618	990	1,079	15,039
Nordegg	.....	280	486	.....	1,792	488	309	45	22	.....	.....	235	3,657
Total	566	490	6,075	2,496	1,912	1,419	374	268	2,519	1,896	1,334	1,614	20,963

Amount of Domestic Coal Lifted from Waste by areas during each month:

Carbon	.....	.....	.....	142	.....	.....	.....	.....	.....	.....	.....	672	814
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	5
Taber	.....	.....	.....	.....	.....	.....	.....	.....	50	150	.....	.....	200
Total	.....	.....	.....	142	.....	.....	.....	.....	50	150	.....	677	1,019

OUTPUT AND NUMBER OF MINES PRODUCING

Kind of Coal	Permits Issued to Farmers who mined Coal		Under 1,000 tons		From 1,000 to 5,000		From 5,000 to 10,000		From 10,000 to 50,000		From 50,000 to 100,000		From 100,000 to 150,000		From 150,000 to 200,000		Over 200,000		Total	
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output
Domestic	187	2,046	150	64,954	64	148,793	8	55,042	27	601,412	18	1,270,422	1	110,034	2	324,128	....	.....	270	2,576,831
Sub–Bituminous	....	.....	10	3,307	1	1,012	....	.....	8	216,894	....	.....	....	.....	2	338,266	....	.....	21	559,479
Bituminous	....	.....	4	2,124	1	2,675	....	.....	....	.....	3	251,826	3	425,546	4	714,053	1	337,496	16	1,733,720
Total	187	2,046	164	70,385	66	152,480	8	55,042	35	818,306	21	1,522,248	4	535,580	8	1,376,447	1	337,496	307	4,870,030

Men employed in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS COAL Fields as at December 31, 1932:

Kind of Coal	BELOW GROUND													ABOVE GROUND									Total Above and Below Ground
	Officials	Hand Cutters	Machine Cutters & Help'rs	Machine Loaders	Chute Loaders	Horse H'l'ge Employees	Mechanical H'l'ge Emp's	Ventilation Employees	Roadmakers	Timbermen	Pumpmen	Other Employees	Total Underground	Administration	Foremen and Clerks	Screenmen and Loaders	Engineemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	Surface Haulage	All other Employees	Total Above Ground	
Domestic	324	828	497	2,503	....	469	146	36	128	132	22	156	5,241	70	119	530	94	39	30	24	41	38	298	1,283	6,524
Sub–Bituminous	32	242	24	64	14	24	12	5	5	18	2	16	458	20	20	102	40	28	7	5	8	17	145	392	850
Bituminous	104	1,170	....	....	120	106	169	26	49	132	21	229	2.126	24	84	235	49	52	29	21	31	36	235	796	2,922
Total	460	2,240	521	2,567	134	599	327	67	182	282	45	401	7,825	114	223	867	183	119	66	50	80	91	678	2,471	10,296

Number of men employed in the DOMESTIC FIELD as at December 31, 1932:

Areas	BELOW GROUND												ABOVE GROUND										Total Above and Below Ground
	Officials	Hand Cutters	Machine Cutters & Help'rs	Machine Loaders	Horse H'lge Employees	Mechanical H'lge Emp's	Ventilation Employees	Roadmakers	Timbermen	Pumpmen	Other Employees	Total Underground	Administration	Foremen and Clerks	Screemmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	
Ardley	11	34	4	2	2	....	....	1	....	....	....	54	3	1	3	2	....	....	....	1	1	5	16	70
Big Valley	4	6	2	1	1	....	....	....	....	....	....	14	1	....	43	....	....	....	....	....	1	....	45	59
Brooks	1	3	....	....	....	....	....	....	....	....	....	4	1	....	....	1	....	....	....	....	....	....	2	6
Camrose	4	53	....	....	5	....	....	4	....	....	2	68	4	1	7	2	....	....	....	....	2	3	19	87
Carbon	16	19	16	114	15	2	....	1	1	....	2	186	3	2	17	1	....	....	1	....	3	11	38	224
Castor	33	78	2	3	1	1	....	....	....	....	1	119	3	....	3	4	1	....	....	....	3	....	14	133
Champion	9	57	....	....	1	....	....	....	....	....	1	68	1	....	1	2	....	....	....	....	2	1	7	75
Drumheller	96	58	220	1,571	264	60	14	83	41	6	77	2,490	27	58	219	21	14	11	7	21	8	93	479	2,969
Edmonton	50	338	44	298	53	9	3	23	41	8	59	926	11	21	54	27	8	3	10	6	3	41	184	1,110
Gleichen	4	8	2	5	....	....	....	....	....	....	1	20	1	....	....	....	....	....	....	....	....	....	1	21
Halcourt	7	10	....	....	....	....	....	....	....	....	2	19	....	....	....	....	....	....	....	....	....	....	....	19
Lethbridge	46	65	168	440	113	60	18	12	48	8	10	988	4	22	105	25	13	13	6	9	7	80	284	1,272
Magrath	2	2	....	....	....	....	....	....	....	....	....	4	1	....	....	....	....	....	....	....	1	....	2	6
Milk River	2	6	....	....	....	....	....	....	....	....	....	8	....	1	1	....	....	....	....	....	....	3	5	13
Pakan	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	14	15	15
Pakowki	5	7	....	....	....	....	....	....	....	....	....	12	1	....	....	....	....	....	....	....	....	....	1	13
Pembina	4	29	7	50	6	14	....	4	....	....	1	115	3	5	25	6	2	2	....	3	....	7	53	168
Redcliff	2	4	27	....	6	....	1	....	1	....	....	41	....	....	7	1	1	....	....	....	2	....	11	52
Sheerness	11	23	....	....	1	....	....	....	....	....	....	35	2	1	7	1	....	....	....	....	3	15	29	64
Taber	14	17	5	19	1	....	....	....	....	....	....	56	1	....	1	....	....	....	....	....	2	10	14	70
Tofield	2	10	....	....	....	....	....	....	....	....	....	12	3	6	36	2	....	1	....	1	....	15	64	76
Wetaskiwin	1	1	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2
No Area	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	14	15	15
Total	324	828	497	2,503	469	146	36	128	132	22	156	5,241	70	119	530	94	39	30	24	41	38	298	1,283	6,524

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31, 1932:

Areas	BELOW GROUND													ABOVE GROUND									Total Above and Below Ground
	Officials	Hand Cutters	Machine Cutters & Help'rs	Machine Loaders	Chute Loaders	Horse H'lge Employees	Mechanical H'lge Emp's	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Employees	Total Underground	Amdinistration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	
Coalspur	12	161	6	....	12	18	2	2	....	10	1	....	224	15	12	66	27	18	5	3	6	14	141	307	531
Pekisko	4	2	....	....	....	....	....	....	....	....	....	....	6	1	....	....	2	....	....	....	....	....	....	3	9
Pincher	4	7	....	....	....	....	....	....	....	....	....	....	11	1	....	1	1	....	....	....	....	1	....	4	15
Prairie Creek	7	48	6	32	2	4	5	1	3	6	1	14	129	1	5	23	6	5	1	1	2	1	2	47	176
Saunders	5	24	12	32	....	2	5	2	2	2	....	2	88	2	3	12	4	5	1	1	....	1	2	31	119
Total	32	242	24	64	14	24	12	5	5	18	2	16	458	20	20	102	40	28	7	5	8	17	145	392	850

BITUMINOUS FIELD

Cascade	18	127	....	....	....	12	38	3	7	3	2	10	220	3	6	32	7	10	4	1	1	....	15	79	299
Crow's Nest	60	655	....	....	88	39	85	16	19	77	10	16	1,205	15	45	113	24	17	16	9	16	29	123	407	1,612
Mountain Park	18	291	....	....	32	35	39	6	12	42	8	63	546	4	20	77	15	18	7	8	8	5	61	223	769
Nordegg	8	97	....	....	....	20	7	1	11	10	1	....	155	2	13	13	3	7	2	3	6	2	36	87	242
Total	104	1,170	....	....	120	106	169	26	49	132	21	89	2,126	24	84	235	49	52	29	21	31	36	235	796	2,922

Men employed above and below ground in the DOMESTIC FIELD by areas each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Ardley	49	44	40	14	17	19	20	30	37	69	69	70	40
Big Valley	15	14	12	9	9	6	6	7	9	13	77	59	19
Brooks	9	8	8	4	4	4	4	4	3	16	18	6	7
Camrose	99	93	74	47	38	43	43	43	61	80	85	87	66
Carbon	231	219	174	126	91	92	104	119	144	187	210	224	160
Castor	120	106	77	30	21	22	23	23	44	139	142	133	74
Champion	52	49	50	33	30	33	32	28	45	68	78	75	48
Drumheller	2,479	2,382	2,019	1,075	889	836	664	1,333	2,260	2,971	3,029	2,969	1,909
Edmonton	909	863	692	455	404	398	400	447	650	952	1,122	1,110	700
Gleichen	13	13	13	10	6	6	6	7	11	15	19	21	12
Halcourt	14	14	13	3	.....	.....	3	.....	5	2	13	19	7
Lethbridge	1,363	1,344	1,289	961	893	860	891	1,004	1,128	1,247	1,277	1,272	1,127
Magrath	10	8	11	6	7	8	4	4	8	9	9	6	8
Milk River	13	9	9	6	3	7	6	6	10	32	23	13	11
Pakowki	10	13	11	4	4	5	2	4	11	14	15	13	9
Pembina	147	155	151	143	58	48	53	151	150	150	164	168	128
Redcliff	46	45	44	46	41	35	37	34	42	48	54	52	44
Sheerness	70	70	33	26	27	27	51	42	35	78	93	64	51
Steveville	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Taber	51	49	46	31	27	26	21	29	42	67	74	70	44
Tofield	71	70	70	70	65	77	75	55	62	88	92	87	73
Wetaskiwin	3	2	2	2	.....	.....	.....	.....	2	2	2	2	6
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	15	4
No Area Assigned	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2
Total	5,777	5,573	4,841	3,101	2,634	2,553	2,445	3,370	4,759	6,249	6,706	6,535	4,548

Men employed above and below ground in the SUB-BITUMINOUS FIELD by areas each month

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Coalspur	496	455	386	339	312	286	328	398	448	515	511	531	417
Pekisko	9	10	10	6	11	7	63	10	11	8	8	9	14
Pincher	16	16	17	12	9	9	6	10	15	16	15	15	13
Prairie Creek	141	144	127	81	75	68	115	131	161	182	201	176	134
Saunders	120	120	47	36	36	49	59	116	125	126	129	119	90
Total	782	745	587	474	443	419	571	665	760	847	864	850	668

Men employed above and below ground in the BITUMINOUS FIELD by areas each month

Cascade	301	302	293	297	297	293	293	292	294	289	287	299	295
Crow's Nest	1,641	1,645	649	604	1,157	1,145	1,156	1,167	1,609	1,622	1,618	1,612	1,340
Mountain Park	777	734	756	726	709	696	678	702	767	756	751	769	735
Nordegg	287	294	293	292	250	229	227	224	221	223	233	242	251
Total	3,006	2,975	1,991	1,919	2,413	2,363	2,354	2,385	2,891	2,890	2,889	2,922	2,621

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS FIELDS by areas each month:

Domestic	5,777	5,573	4,841	3,101	2,634	2,553	2,445	3,370	4,759	6,249	6,706	6,535	4,548
Sub-Bituminous	782	745	587	474	443	419	571	665	760	847	864	850	668
Bituminous	3,006	2,975	1,991	1,919	2,413	2,363	2,354	2,385	2,891	2,890	2,889	2,922	2,621
Total	9,565	9,293	7,419	5,494	5,490	5,335	5,370	6,420	8,410	9,986	10,459	10,307	7,837

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,203,713	7,317	711	5,299	982
1925	5,883,394	8,774	670	6,498	834
1926	6,508,908	8,763	743	6,569	991
1927	6,936,780	9,016	768	6,681	970
1928	7,334,179	9,496	772	6,625	1,107
1929	7,147,250	9,572	747	7,115	1,004
1930	5,755,911	8,889	648	6,607	871
1931	4,563,309	8,070	577	5,969	701
1932	4,867,984	7,837	621	5,772	844

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD.

1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898
1925	3,156,359	4,874	647	3,750	808
1926	3,160,029	4,798	658	3,714	816
1927	3,357,171	4,663	720	3,603	891
1928	3,378,200	4,810	702	3,700	873
1929	3,385,749	4,944	685	3,813	880
1930	2,874,090	4,822	596	3,756	765
1931	2,245,563	4,400	501	3,419	628
1932	2,574,785	4,548	566	3,539	728

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD.

Year		Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1922	Stp. Pit	367,514	217	1,692	.....	.....
	B. Grd.	179,500	403	445	277	648
1923	Stp. Pit	288,467	190	1,513	.....	.....
	B. Grd.	174,994	354	494	260	673
1924	Stp. Pit	369,724	211	1,752	.....	.....
	B. Grd.	222,222	393	565	278	799
1925	Stp. Pit	335,993	162	2,074	.....	.....
	B. Grd.	245,842	461	533	326	754
1926	Stp. Pit	258,964	147	1,761	.....	.....
	B. Grd.	231,407	443	545	305	758
1927	Stp. Pit	304,584	193	1,583	.....	.....
	B. Grd.	290,606	478	608	321	905
1928	Stp. Pit	394,682	179	2,205	.....	.....
	B. Grd.	345,810	645	536	457	756
1929	Stp. Pit	319,764	163	1,962	.....	.....
	B. Grd.	348,344	585	595	402	866
1930	Stp. Pit	304,144	157	1,937	.....	.....
	B. Grd.	299,187	569	526	390	767
1931	Stp. Pit	280,251	161	1,803	.....	.....
	B. Grd.	191,138	486	393	336	569
1932	Stp. Pit	348,266	177	1,868	.....	.....
	B. Grd.	211,213	491	430	341	619

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD.

1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,645	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,636	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,410,021	4,228	809	2,711	1,202
1921	2,897,380	4,183	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,008
1924	1,515,107	2,171	698	1,574	966
1925	2,145,200	3,277	654	2,422	885
1926	2,858,508	3,375	847	2,550	1,121
1927	2,984,419	3,682	810	2,757	1,082
1928	3,215,481	3,862	832	2,468	1,302
1929	3,093,393	3,880	797	2,898	1,077
1930	2,278,490	3,341	682	2,461	926
1931	1,846,357	3,023	611	2,214	834
1932	1,733,720	2,621	660	1,892	916

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD.

1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12

The table showing the number of men employed in the Anthracite Coal Field includes employees at the briquetting plant. There has been no anthracite coal produced since 1923.

During the year 1909 a strike, affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1911 a strike, affecting all the larger mines in the Province, lasted for a period of eight months.

During the year 1917 a strike, affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1919 a strike, affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1922 a strike, affecting all the larger mines in the Province, lasted for a period of five months.

During the year 1924 a strike, affecting all the larger mines in the Province, lasted for a period of six and a half months.

NOTE: In calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

It will also be noted that the tonnages used in the above and following tables do not include tonnage extracted under permit.

Per Capita Production of Mines by areas:

DOMESTIC COAL FIELD

Areas	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
Ardley	18,409	40	460	32	575
Big Valley	4,738	19	249	9	526
Brooks	6,622	7	946	5	1,324
Camrose	42,376	66	637	50	845
Carbon	88,837	160	555	129	712
Castor	36,465	74	493	65	561
Champion	17,260	48	360	43	401
Drumheller	1,245,474	1,909	652	1,542	807
Edmonton	454,293	700	649	570	795
Gleichen	5,260	12	438	11	478
Halcourt	2,275	7	227	7	227
Lethbridge	386,243	1,127	343	865	331
Magrath	1,763	8	220	5	332
Milk River	4,051	11	368	6	675
Pakan	195	4	49	.....	.....
Pakowki	2,571	9	286	8	321
Pembina	99,051	128	774	86	1,152
Redcliff	24,045	44	546	35	687
Sheerness	24,658	51	483	25	1,066
Steveville	136	3	44	3	44
Taber	14,193	44	323	35	406
Tofield, Stripping	89,354	67	1,334	.....	.....
Tofield, Underground	6,283	6	1,047	4	1,570
Wetaskiwin	180	2	90	2	90
No Area	53	2	26	2	90
Total	2,574,785	4,548	566	3,539	728

SUB-BITUMINOUS

Coalspur, Stripping	348,266	177	1,968	.....	.....
Coalspur, Underground	104,266	240	434	161	648
Pekisko	1,527	14	109	9	170
Pincher	2,729	13	210	10	273
Prairie Creek	66,784	134	498	96	696
Saunders	35,907	90	399	65	645
Total	559,479	668	837	341	619

BITUMINOUS

Areas	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under-ground	Tons of coal mined per man employed under-ground
Cascade	169,328	295	574	221	766
Crow's Nest East	353,090	618	570	445	793
Crow's Nest West	361,262	722	497	550	657
Mountain Park	711,383	735	969	514	968
Nordegg	138,657	251	552	162	856
Total	1,733,720	2,621	660	1,892	916

SUMMARY:

Domestic	2,574,785	4,548	566	3,539	728
Sub-Bituminous	559,479	668	837	341	619
Bituminous	1,733,720	2,621	660	1,892	916
Total	4,867,984	7,837	621	5,772	844

Number of days on which Coal was drawn in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	22.83	19.91	11.33	5.00	5.80	8.89	6.83	10.33	16.00	17.27	19.58	18.08	161.85
Big Valley	21.00	20.80	16.00	8.00	7.33	8.00	3.50	5.00	12.33	16.75	18.20	17.60	154.51
Brooks	22.00	25.00	25.00	24.00	23.00	22.00	21.00	24.00	26.00	25.50	19.00	19.00	275.50
Camrose	21.80	18.80	20.33	15.33	12.00	14.00	13.33	12.50	15.80	19.50	20.33	20.33	204.05
Carbon	18.22	17.00	14.67	7.07	11.08	7.27	9.67	15.92	19.08	22.08	21.60	19.11	182.77
Castor	18.74	19.11	13.33	7.56	7.18	6.53	8.15	8.71	13.00	19.91	20.61	17.66	160.49
Champion	16.54	20.22	18.70	11.80	10.56	9.77	16.54	18.50	19.22	24.89	21.99	20.64	209.37
Drumheller	13.96	16.03	12.77	8.85	6.48	5.36	6.21	10.74	16.00	19.37	14.93	13.22	143.92
Edmonton	21.60	21.35	18.17	12.05	11.74	13.05	10.88	13.20	15.76	20.60	24.55	19.06	202.01
Gleichen	23.33	25.66	24.33	17.66	12.00	13.33	12.00	16.00	18.00	25.30	24.00	24.67	236.28
Halcourt	20.00	18.50	13.60	6.50	.....	.....	20.00	.....	8.50	20.00	17.00	20.38	144.48
Lethbridge	14.60	14.75	12.94	9.68	7.65	8.43	9.07	11.33	14.24	18.16	18.35	15.80	155.00
Magrath	20.00	22.50	12.66	19.50	13.00	10.50	7.33	16.00	13.00	13.00	22.67	18.67	188.83
Milk River	9.50	12.50	7.50	5.00	12.50	9.67	10.66	19.00	21.00	24.33	21.00	16.67	169.33
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.00	.....	8.00
Pakowki	8.40	9.40	9.60	4.00	4.00	5.00	7.00	10.00	11.75	18.71	20.15	13.43	121.44
Pembina	15.00	15.00	15.00	13.06	10.00	10.00	6.00	7.00	8.50	17.00	20.00	19.67	156.17
Redcliff	19.00	18.50	15.00	10.50	4.00	9.00	5.00	6.50	16.50	22.50	20.50	19.50	166.50
Sheerness	15.92	16.75	16.75	10.26	8.23	8.00	11.90	11.00	15.08	20.33	24.16	19.47	177.85
Steveville	11.00	22.00	11.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.00
Taber	13.81	14.69	12.66	10.42	9.55	6.18	8.22	10.60	15.92	20.50	16.65	14.64	135.84
Tofield	21.50	17.00	12.50	10.00	15.00	17.00	26.00	27.00	12.33	18.00	23.00	22.00	221.33
Wetaskiwin	13.00	12.00	4.00	1.00	.....	.....	.....	.....	.....	13.00	12.00	10.00	65.00
No Area	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.00	20.00	.....	35.00
Total	17.35	18.06	14.45	13.34	10.06	10.10	10.96	16.41	15.50	18.86	15.14	18.07	148.05

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas each month:

Coalspur	17.83	16.50	11.66	15.00	16.33	7.80	7.20	8.28	14.00	16.00	19.00	20.33	169.93
Pekisko	11.75	11.50	10.25	5.00	7.33	17.50	12.25	6.00	9.33	12.25	18.00	8.50	129.66
Pincher	13.75	16.60	15.00	11.33	11.50	17.00	2.00	3.66	15.00	22.00	23.25	17.00	168.09
Prairie Creek	20.00	21.00	13.00	.....	19.00	21.00	10.00	15.50	22.00	17.50	16.50	19.00	194.50
Saunders	8.00	8.50	4.00	4.00	2.00	3.00	5.00	8.00	16.50	16.00	14.50	15.00	104.50
Total	14.27	14.82	10.78	8.83	11.23	10.11	7.29	8.29	15.37	16.75	18.25	15.97	153.34

Number of days on which coal was drawn in the BITUMINOUS FIELD by areas each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	16.00	17.50	18.00	17.50	13.00	17.00	11.50	11.00	15.50	17.00	16.00	17.50	187.50
Crow's Nest	10.88	15.00	12.85	11.25	9.00	19.60	14.60	11.00	13.14	7.38	9.67	14.11	148.48
Mountain Park	17.75	23.33	23.00	18.25	14.67	10.25	14.80	15.66	16.80	18.25	17.25	15.25	205.26
Nordegg	8.00	12.00	13.00	10.00	5.00	5.00	5.00	7.00	12.00	14.00	11.00	10.00	112.00
Total	13.16	14.46	16.71	14.25	10.42	12.96	11.48	11.33	14.36	14.16	13.48	14.22	163.31

Number of days on which Coal was drawn each month:

Domestic	17.35	18.06	14.45	13.34	10.06	10.10	10.96	16.41	15.35	18.86	15.14	18.07	148.05
Sub-Bituminous	14.27	14.82	10.78	8.83	11.23	10.11	7.29	8.29	15.37	16.75	18.25	15.97	153.34
Bituminous	13.16	14.46	16.71	14.25	10.42	12.96	11.48	11.33	14.36	14.16	13.48	14.22	163.31
Total	14.92	16.61	13.98	12.14	10.57	11.05	9.91	12.01	15.03	16.59	15.62	16.75	154.90

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1932:

DOMESTIC FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	207	861	127	843	68	438	31	86	56	146	80	164	569	2,538
Big Valley	66	247	59	233	44	130	7	59	11	58	1	44	188	771
Brooks	70	149	48	136	50	138	52	57	37	50	26	70	283	600
Camrose	584	1,448	482	1,451	360	994	271	592	202	376	234	516	2,133	5,377
Carbon	780	3,070	659	3,068	463	1,811	439	1,002	119	405	398	692	2,858	10,048
Castor	306	1,719	217	1,592	168	879	57	220	20	123	26	146	794	4,679
Champion	80	634	83	752	71	777	68	345	50	264	59	326	411	3,098
Drumheller	8,614	33,083	8,573	34,224	5,978	20,883	3,116	7,736	2,701	5,289	2,673	4,106	31,655	105,321
Edmonton	3,429	14,727	3,353	14,519	2,753	10,650	1,782	5,709	1,457	4,293	1,495	4,264	14,269	54,162
Gleichen	25	218	22	216	50	144	25	103	22	41	26	54	170	776
Halcourt	.....	295	.....	255	10	158	2	15	.....	.....	.....	.....	12	723
Lethbridge	4,792	11,698	4,716	11,925	4,267	8,918	3,126	4,301	2,552	3,143	2,617	3,838	22,070	43,823
Magrath	45	155	45	127	52	134	49	64	42	55	51	63	284	598
Milk River	17	97	15	97	11	66	3	18	42	7	28	24	116	309
Pakowki	24	48	29	112	10	105	24	8	18	8	33	19	138	300
Pembina	1,127	1,748	135	518	930	1,504	946	1,487	616	290	427	266	4,181	5,813
Redcliff	188	679	1,062	1,810	127	525	90	370	31	154	60	232	1,558	3,770
Sheerness	287	364	472	424	205	354	57	169	75	148	204	138	1,300	1,597
Steveville	.....	33	.....	40	5	46	.....	.....	.....	.....	.....	.....	5	119
Taber	155	507	117	576	78	475	130	248	120	159	35	134	635	2,099
Tofield	1,276	154	1,201	142	998	54	1,290	34	1,821	1	1,952	2	8,538	387
Wetaskiwin	39	.....	.....	24	.....	8	.....	2	.....	.....	.....	.....	39	34
Total	22,111	71,934	21,415	73,084	16,698	49,191	11,565	22,625	9,992	15,010	10,425	15,098	92,206	246,942

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1932:

DOMESTIC FIELD

Areas	July		August		September		October		November		December		Total		Total for year 1932	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	59	101	141	396	208	410	291	848	375	995	390	960	1,464	3,610	2,033	6,148
Big Valley	7	14	2	24	10	81	37	171	496	238	87	209	639	737	827	1,508
Brooks	51	27	56	51	52	99	170	304	38	282	53	181	420	944	703	1,544
Camrose	201	446	288	485	351	850	485	1,183	473	1,219	497	1,214	2,295	5,397	4,428	10,774
Carbon	479	920	697	1,515	688	2,018	834	2,686	984	3,792	864	3,565	4,546	14,496	7,404	24,544
Castor	25	171	39	161	149	430	579	1,897	559	2,073	472	1,686	1,823	6,418	2,617	11,097
Champion	80	634	110	380	130	644	179	1,284	258	1,414	218	1,452	975	5,808	1,386	8,906
Drumheller	2,983	4,059	4,522	12,850	7,549	29,698	10,609	49,746	8,509	34,739	7,368	29,381	40,540	160,473	72,195	265,794
Edmonton	1,535	4,006	1,610	4,627	2,370	8,494	3,390	15,179	3,724	16,690	3,705	16,789	16,334	65,785	30,603	119,947
Gleichen	24	57	26	97	34	175	51	319	70	292	80	285	285	1,195	455	1,971
Halcourt	.....	60	.....	.....	.....	36	12	76	29	146	60	383	101	701	113	1,424
Lethbridge	2,765	3,753	3,741	7,730	4,614	12,595	5,815	17,762	4,685	13,015	4,637	12,495	26,257	67,350	48,327	111,173
Magrath	16	56	31	20	29	61	20	58	68	138	61	110	225	443	509	1,041
Milk River	23	34	41	74	49	123	597	188	337	150	112	120	1,159	689	1,275	998
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	310	.....	.....	.....	310	.....	310	.....
Pakowki	7	7	.....	41	33	60	49	202	50	219	50	155	189	684	327	984
Pembina	400	221	707	933	738	936	879	1,406	1,066	1,777	1,136	1,739	4,926	7,012	9,107	12,825
Redcliff	36	158	45	180	125	491	220	842	220	868	219	767	865	3,306	2,423	7,076
Sheerness	304	172	126	116	199	300	536	1,041	877	802	462	519	2,504	2,950	3,804	4,547
Steveville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	119
Taber	23	160	107	247	135	613	371	929	420	1,054	167	566	1,223	3,569	1,858	5,668
Tofield	1,872	.....	1,485	.....	1,372	104	1,447	235	1,734	333	1,491	190	9,401	862	17,939	1,249
Wetaskiwin	.....	.....	.....	.....	.....	.....	4	16	.....	18	3	12	7	46	46	80
No Area	.....	.....	.....	.....	.....	.....	30	.....	40	.....	.....	.....	70	.....	70	.....
Total	10,890	15,056	13,774	29,827	18,835	58,218	26,605	96,372	25,322	80,254	22,132	62,778	117,558	342,505	209,764	589,447

SUB-BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	7,121	3,585	6,621	2,908	5,870	1,021	5,772	860	5,821	171	4,605	644	35,810	9,189
Pekisko	47	92	37	89	41	69	10	10	40	32	104	35	279	327
Pincher	46	128	51	174	44	205	60	142	26	95	27	125	254	869
Prairie Creek	1,013	1,932	958	2,030	560	1,154	499	1,039	423	1,045	426	869	3,879	8,069
Saunders	347	812	372	882	161	170	144	89	178	39	240	156	1,442	2,148
Total	8,574	6,549	8,039	6,083	6,676	2,619	6,485	2,140	6,488	1,382	5,402	1,829	41,664	20,602

BITUMINOUS FIELD

Cascade	1,380	2,082	1,462	2,593	1,562	2,833	1,495	2,605	1,587	2,813	1,990	4,230	9,476	17,156
Crow's Nest	6,479	12,420	7,443	16,847	5,333	11,516	4,858	8,394	5,357	9,928	7,753	18,754	37,223	77,859
Mountain Park	5,319	12,895	4,855	12,772	5,850	12,599	4,978	12,945	4,171	8,534	4,289	7,165	29,462	66,910
Nordegg	2,133	1,853	2,606	2,517	2,167	2,622	1,683	2,149	1,422	1,253	1,489	1,196	11,500	11,590
Total	15,311	29,250	16,366	34,729	14,912	29,570	13,014	26,093	12,537	22,528	15,521	31,345	87,661	173,515

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS FIELDS

Domestic	22,111	71,934	21,415	73,084	16,698	49,191	11,565	22,625	9,992	15,010	10,425	15,098	92,206	246,942
Sub-Bituminous	8,574	6,549	8,039	6,083	6,676	2,619	6,485	2,140	6,488	1,382	5,402	1,829	41,664	20,602
Bituminous	15,311	29,250	16,366	34,729	14,912	29,570	13,014	26,093	12,537	22,528	15,521	31,345	87,661	173,515
Total	45,996	107,733	45,820	113,896	38,286	81,380	31,064	50,858	29,017	38,920	31,348	48,272	221,531	441,059

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1932:

SUB-BITUMINOUS COAL FIELD

Areas	July		August		September		October		November		December		Total		Total for year 1932	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	4,855	1,188	4,853	1,461	5,862	3,105	7,144	3,021	7,817	3,460	7,972	3,780	38,503	16,015	74,313	25,204
Pekisko	29	71	18	47	65	57	24	51	40	79	27	46	203	351	482	678
Pincher	12	60	29	58	58	181	97	262	93	249	77	198	366	1,008	620	1,877
Prairie Creek	494	1,415	633	1,937	797	2,581	1,064	2,947	1,067	2,471	909	2,419	4,964	13,770	8,843	21,839
Saunders	249	303	444	1,057	567	1,244	558	1,533	526	1,486	530	1,283	2,874	6,906	4,316	9,054
Total	5,639	3,037	5,977	4,560	7,349	7,168	8,887	7,814	9,543	7,745	9,515	7,726	46,910	38,050	88,574	58,652

BITUMINOUS COAL FIELD

Cascade	1,847	3,273	1,804	3,074	1,663	2,891	1,551	2,466	1,370	2,086	1,528	2,667	9,763	16,457	19,239	33,613
Crow's Nest	6,890	15,893	6,156	11,887	7,371	15,782	6,176	9,937	7,768	12,204	9,093	16,183	43,454	81,886	80,677	159,745
Mountain Park	4,302	7,904	4,557	8,830	5,909	10,083	5,470	13,441	6,108	12,662	4,949	10,479	31,295	63,399	60,757	130,309
Nordegg	1,454	1,163	1,481	1,436	1,771	2,300	1,891	2,663	1,800	2,277	1,774	1,936	10,171	11,775	21,671	23,365
Total	14,493	28,233	13,998	25,227	16,714	31,056	15,088	28,507	17,046	29,229	17,344	31,265	94,683	173,517	182,344	347,032

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Domestic	10,890	15,056	13,774	29,827	18,830	58,208	26,605	96,372	25,322	80,254	22,132	62,778	117,558	342,505	209,764	589,447
Sub–Bituminous	5,639	3,037	5,977	4,560	7,349	7,168	8,887	7,814	9,543	7,745	9,515	7,726	46,910	38,050	88,574	58,652
Bituminous	14,493	28,233	13,998	25,227	16,714	31,056	15,088	28,507	17,046	29,229	17,344	31,265	94,683	173,517	182,344	347,032
Total	31,022	46,326	33,749	59,614	42,893	96,432	50,580	132,693	51,911	117,228	48,991	101,769	259,151	554,072	480,682	995,131

Amount of Mine Timber used during the year:

DOMESTIC COAL FIELD

Areas	Round Timber linear ft.	Lumber B.M.	Ties, linear feet	Lagging linear ft.	Slabs Cords
Ardley	49,912	.....	.....	.....	.....
Big Valley	13,027	.....	.....	.....	.....
Brooks	36,974	.....	.....	.....	.....
Camrose	218,712	.....	.....	.....	.....
Carbon	381,515	1,000	.....	.....	.....
Castor	111,520	582	.....	.....	.....
Champion	121,040	.....	.....	.....	.....
Drumheller	3,787,139	93,561	.....	.....	69½
Edmonton	2,355,500	.....	48,365	.....	116
Gleichen	19,454	.....	.....	.....	.....
Halcourt	11,860	.....	.....	.....	.....
Lethbridge	2,360,811	957,398	63,896	.....	23½
Magrath	24,000	.....	.....	.....	.....
Milk River	13,452	.....	.....	.....	.....
Pakan	.....	.....	.....	.....	.....
Pakowki	9,594	.....	.....	.....	.....
Pembina	182,290	.....	21,950	.....	.....
Redcliff	87,123	.....	.....	.....	.....
Sheerness	25,579	.....	.....	.....	.....
Steveville	1,100	400	.....	.....	.....
Taber	52,851	400	.....	.....	.....
Tofield	12,815	.....	.....	.....	.....
Wetaskiwin	4,000	.....	.....	.....	.....
Total	9,880,268	1,062,331	134,211	.....	209

SUB-BITUMINOUS

Coalspur	148,724	.....	.....	.....	.....
Pekisko	6,542	.....	.....	.....	.....
Pincher	12,083	.....	.....	.....	.....
Prairie Creek	139,664	.....	.....	.....	.....
Saunders	133,553	8,620	19,872	28,145	.....
Total	446,566	8,620	19,872	28,145	.....

BITUMINOUS

Cascade	247,666	.....	.....	2,225	.....
Crow's Nest	1,389,020	347,955	.....	218,490	.....
Mountain Park	1,118,018	.....	.....	.....	.....
Nordegg	670,599	.....	.....	.....	.....
Total	3,425,303	347,955	.....	220,715	.....

Particulars of Lamps in the Domestic Coal Field:

	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
Portable Electric Lamps, Edison Cap Type	940	1,063	1,000	807	780	744	1,207	1,592	1,800	2,627	2,530	2,581	2,521
Portable Electric Lamps, Ceag Hand Type	35	35	35	35	43	43	.....	.....	.....	.....	.....	.....	.....
Portable Electric Lamps, Wico Cap Type	500	500	500	500	569	560	275	.....	.....	.....	.....	.....	.....
Portable Electric Lamps, Oldham Cap Type	.....	.....	.....	.....	25	40	.....	.....	.....	.....	.....	.....	.....
Portable Electric Lamps, Wolfe Cap Type	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66	66
Safety Lamps, Wolfe Flame Type	495	524	421	125	152	147	108	108	106	157	171	160	174
Safety Lamps, Koehler Flame Type	.....	6	.....	3	6	8	4	3	.....	.....	.....	.....	.....
Total	1,770	2,128	1,956	1,470	1,575	1,542	1,594	1,703	1,906	2,784	2,701	2,807	2,761

Particulars of Lamps in the Sub-Bituminous Coal Field:

Portable Electric Lamps, Edison Cap Type	.....	.....	54	78	62	41	120	120	140	161	184	387	350
Safety Lamps, Wolfe Flame Type	.....	.....	.....	.....	.....	110	42	39	45	37	25	51	59
Total	.....	.....	54	78	62	151	162	159	185	198	209	438	409

Particulars of Lamps in the Bituminous Coal Field:

Portable Electric Lamps, Edison Cap Type	2,214	2,612	2,849	3,545	3,485	2,952	3,024	3,378	3,510	3,310	3,458	4,458	3,005
Portable Electric Lamps, Wheat Electric Cap Type	.....	.....	.....	.....	.....	.....	.....	.....	11	12	.....	.....	.....
Portable Electric Lamps, Wolfe Electric Cap Type	.....	.....	.....	.....	.....	.....	.....	.....	20	20	20	7	.....
Portable Electric Lamps, General Electric Cap Type	71	71	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portable Electric Lamps, Oldham Cap Type	.....	.....	7	47	.....	.....	.....	.....	.....	.....	.....	.....	.....
Safety Lamps, Wolfe Flame Type	1,441	1,301	1,218	1,186	894	703	554	633	468	363	345	353	337
Safety Lamps, Koehler Flame Type	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....
Total	3,726	3,984	4,147	4,778	4,379	3,655	3,578	4,019	4,019	3,705	3,823	4,818	3,342

Quantity of Explosives used in pounds for blasting coal:

DOMESTIC COAL FIELD

Areas	Name of Explosive							Total
	Pellet Powder	Monobel No. 4	Monobel No. 6	Monobel No. 12	Stumping Powder	40% Dynamite	35% Special Forcite	
Ardley	12,310	250	.....	200	.....	.....	.....	12,760
Big Valley	1,331	.....	.....	.....	.....	.....	.....	1,331
Brooks	7,100	.....	.....	.....	.....	.....	.....	7,100
Camrose	.....	.....	.....	280	50	.....	.....	330
Carbon	25,690	25	.....	.....	.....	.....	.....	25,715
Castor	7,394	10	.....	.....	.....	.....	.....	7,404
Champion	17,315	.....	.....	.....	.....	.....	.....	17,315
Drumheller	183,807	2,466	.....	11,098	.....	.....	.....	207,371
Edmonton	44,110	4,150	.....	19,912	2,187	.....	.....	70,359
Gleichen	2,125	.....	.....	.....	.....	.....	.....	2,125
Halcourt	1,120	.....	.....	.....	.....	.....	.....	1,120
Lethbridge	33,056	27,705	.....	.....	.....	.....	1,200	61,961
Magrath	800	.....	300	.....	.....	100	.....	1,200
Milk River	2,183	.....	.....	450	.....	.....	.....	2,633
Pakowki	755	35	.....	.....	.....	.....	.....	790
Pakan	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	.....	10,440	.....	.....	.....	.....	.....	10,440
Redcliff	1,700	.....	.....	1,350	.....	.....	.....	3,050
Sheerness	7,135	.....	.....	.....	.....	.....	.....	7,135
Steveville	75	.....	.....	.....	.....	.....	.....	75
Taber	5,902	10	.....	.....	.....	.....	.....	5,912
Tofield	8,449	.....	.....	.....	.....	100	.....	8,549
Wetaskiwin	200	.....	.....	.....	.....	.....	.....	200
No Area	25	.....	.....	.....	.....	.....	.....	25
Total	362,582	45,091	300	33,290	2,237	200	1,200	444,900

SUB-BITUMINOUS COAL FIELD

Areas	Name of Explosive				Total
	Pellet Powder	Monobel No. 4	Monobel No. 12	35% Special Forcite	
Coalspur	.....	25,661	100	67,850	93,611
Pekisko	.....	244	45	.....	289
Pincher	.....	853	.....	.....	853
Prairie Creek	190	35,747	4,094	.....	40,031
Saunders	5,333	3,917	.....	.....	9,250
Total	5,523	66,422	4,239	67,850	144,034

BITUMINOUS COAL FIELD

Areas	Name of Explosive				Total
	Monobel No. 4	Monobel No. 6	Monobel No. 12	35% Special Forcite	
Cascade	29,125	14,534	75	.....	43,734
Crow's Nest	21,315	3,616	.....	.....	24,931
Mountain Park	.....	104,362	.....	295	104,657
Nordegg	6,000	.....	.....	.....	6,000
Total	56,440	122,512	75	295	179,322

Number of tons of coal produced per pound of Explosive used for blasting coal:

DOMESTIC COAL FIELD

Areas	Number of tons mined	Number of pounds of explosive used	Tons of Coal mined per pound of explosive used
Ardley	18,409	12,760	1.44
Big Valley	4,738	1,331	3.56
Brooks	6,622	7,100	.93
Camrose	42,376	330	128.00
Carbon	88,837	25,715	3.45
Castor	36,465	7,404	4.92
Champion	17,260	17,315	.99
Drumheller	1,245,474	207,371	6.06
Edmonton	454,293	70,359	6.44
Gleichen	5,260	2,125	2,64
Halcourt	2,275	1,120	2.02
Lethbridge	386,243	61,961	6.23
Magrath	1,763	1,200	1.47
Milk River	4,051	2,633	1.54
Pakowki	2,571	790	3,25
Pakan	195	.....	.....
Pembina	99,051	10,440	9.48
Redcliff	24,045	3,050	7.88
Sneerness	24,658	7,135	3.46
Steveville	136	75	1.08
Taber	14,193	5,912	2.40
Tofield	95,637	8,549	11.19
Wetaskiwin	180	200	.90
No Area	53	25	2.01
Total	2,574,785	444,900	5.78

SUB-BITUMINOUS

Coalspur	452,532	93,611	4.83
Pekisko	1,527	289	5.39
Pincher	2,729	853	3,20
Prairie Creek	66,784	40,031	1,67
Saunders	35,907	9,250	3.88
Total	559,479	144,034	3.87

BITUMINOUS

Cascade	169,328	43,734	3.87
Crow's Nest	714,352	24,931	29.05
Mountain Park	711,383	104,657	6.97
Nordegg	138,657	6,000	23.11
Total	1,733,720	179,322	9.67

Estimated number of shots fired for Blasting Coal:

DOMESTIC COAL FIELD

Areas	Electric Detonator	Electric Squibs	Fuse	Squibs	Total
Ardley	.....	.....	9,310	.....	9,310
Big Valley	.....	.....	1,509	.....	1,509
Brooks	.....	.....	440	3,600	4,040
Camrose	644	.....	100	.....	744
Carbon	.....	.....	25,505	2,027	27,532
Castor	.....	.....	6,356	1,126	7,482
Champion	.....	.....	8,595	10,873	19,468
Drumheller	25,263	50,250	104,810	.....	180,323
Edmonton	2,497	5,699	28,992	.....	37,188
Gleichen	.....	.....	2,110	1,000	3,110
Halcourt	.....	.....	890	.....	890
Lethbridge	35,101	26,200	645	8,876	70,822
Magrath	.....	.....	1,950	.....	1,950
Milk River	.....	.....	1,000	880	1,880
Pakowki	.....	.....	492	2,050	2,542
Pembina	8,718	.....	.....	.....	8,718
Redcliff	1,661	.....	.....	3,600	5,261
Sheerness	.....	.....	7,950	650	8,600
Steveville	.....	.....	200	.....	200
Taber	.....	50	475	7,326	7,851
Tofield	.....	.....	5,195	.....	5,195
Wetaskiwin	.....	.....	400	.....	400
No Area	.....	.....	35	.....	35
Total	73,884	82,199	206,959	42,008	405,050

SUB-BITUMINOUS

Coalspur	29,391	.....	1,752	.....	31,143
Pekisko	.....	.....	560	.....	560
Pincher	1,162	.....	.....	.....	1,162
Prairie Creek	38,369	.....	.....	.....	38,369
Saunders	8,520	.....	.....	.....	8,520
Total	77,442	.....	2,312	.....	79,754

BITUMINOUS COAL FIELD

Cascade	65,363	.....	.....	.....	65,363
Crow's Nest	24,136	.....	100	.....	24,236
Mountain Park	89,180	.....	40	.....	89,220
Nordegg	8,625	.....	.....	.....	8,625
Total	187,304	.....	140	.....	187,444

Number of miss-fire shots recorded in blasting coal in the Province:

DOMESTIC COAL FIELD

Areas	Electric Detonator	Electric Squibs	Fuse	Squibs	Total
Ardley	.....	.....	26	.....	26
Big Valley	.....	.....	6	.....	6
Camrose	3	.....	.....	.....	3
Carbon	.....	.....	13	2	15
Castor	.....	.....	17	22	39
Champion	.....	.....	15	7	22
Drumheller	4	21	109	.....	134
Edmonton	.....	1	197	.....	198
Gleichen	.....	.....	3	.....	3
Halcourt	.....	.....	12	.....	12
Lethbridge	3	12	2	4	21
Magrath	.....	.....	6	.....	6
Milk River	.....	.....	1	2	3
Pakowki	.....	.....	3	5	8
Redcliff	11	.....	.....	.....	11
Sheerness	.....	.....	17	.....	17
Taber	.....	.....	.....	4	4
Tofield	.....	.....	5	.....	5
Wetaskiwin	.....	.....	2	.....	2
Total	21	34	434	46	535

SUB-BITUMINOUS

Coalspur	18	.....	.....	.....	18
Pekisko	.....	.....	1	.....	1
Saunders	.....	.....	5	.....	5
Total	18	.....	6	.....	24

BITUMINOUS

Cascade	4	.....	.....	.....	4
Crow's Nest	3	.....	2	.....	5
Mountain Park	22	.....	.....	.....	22
Total	29	.....	2	.....	31

Quantity of Explosives used in pounds for blasting rock in Coal-mines in the Province:

Areas	Name of Explosive									Total
	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 12	Polar CXL-ITE No. 2	Stumping Powder	40% Dynamite	60% Dynamite	35% Special Polar Forcite	Pellet Powder	
Ardley	.....	.....	40	.....	.....	50	.....	.....	.....	90
Carbon	.....	.....	.....	.....	.....	1,250	.....	.....	350	1,600
Cascade	100	267	.....	1,406	.....	.....	.....	.....	.....	1,773
Castor	.....	.....	.....	.....	1	175	.....	.....	.....	176
Champion	.....	.....	.....	.....	.....	645	.....	.....	564	1,209
Coalspur	25	.....	.....	206	.....	.....	32,957	2,850	.....	36,038
Crow's Nest	.....	.....	.....	3,268	.....	.....	.....	.....	.....	3,268
Drumheller	2,465	.....	6,469	107	.....	4,141	200	.....	1,100	14,482
Edmonton	113	.....	.....	.....	315	100	107	.....	.....	635
Halcourt	.....	.....	.....	.....	510	.....	.....	.....	.....	510
Magrath	.....	.....	.....	.....	.....	.....	600	.....	.....	600
Lethbridge	94	.....	.....	.....	.....	300	.....	.....	.....	394
Mountain Park	.....	8,312	.....	20,478	.....	.....	85,383	.....	.....	114,173
Nordegg	.....	.....	.....	250	.....	.....	.....	.....	.....	250
Pekisko	55	.....	6	.....	.....	.....	.....	.....	.....	61
Prairie Creek	.....	.....	.....	1,000	.....	.....	.....	.....	.....	1,000
Pincher	120	.....	.....	.....	.....	.....	.....	.....	.....	120
Saunders	200	.....	.....	.....	.....	.....	.....	.....	.....	200
Sheerness	.....	.....	.....	.....	4	75	.....	.....	.....	79
Taber	.....	.....	30	.....	.....	60	.....	.....	90	180
Total	3,172	8,579	6,545	26,715	830	6,796	119,247	2,850	2,104	176,838

Estimated number of shots fired for blasting rock in Coal-Mines in the Province:

Areas	Electric Deton-ator	Electric Squibs	Fuse	Squibs	Total
Ardley	.....	.....	110	.....	110
Carbon	1,225	.....	280	130	1,635
Cascade	4,550	.....	.....	.....	4,550
Castor	.....	.....	261	.....	261
Champion	.....	.....	930	200	1,130
Coalspur	3,570	.....	453	.....	4,023
Crow's Nest	4,547	.....	.....	.....	4,547
Drumheller	11,233	.....	10,207	.....	21,440
Edmonton	864	.....	.....	47	911
Halcourt	.....	.....	1,135	.....	1,135
Magrath	.....	.....	600	.....	600
Lethbridge	269	.....	90	.....	359
Mountain Park	32,246	.....	.....	.....	32,246
Nordegg	375	.....	.....	.....	375
Pekisko	.....	.....	100	.....	100
Prairie Creek	956	.....	.....	.....	956
Pincher	.....	.....	160	.....	160
Saunders	.....	.....	400	.....	400
Sheerness	.....	.....	92	.....	92
Taber	.....	.....	220	100	320
Total	59,835	.....	15,038	477	75,350

Number of miss-fire shots recorded in blasting rock in Coal-Mines in the Province:

Castor	.....	.....	2	.....	2
Champion	.....	.....	.....	2	2
Drumheller	3	.....	14	.....	17
Edmonton	4	.....	.....	.....	4
Mountain Park	8	.....	.....	.....	8
Total	15	.....	16	2	33

ELECTRICITY

The rules for the installation and use of electricity in or about mines require a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines, electricity was used in 73 different mines in 1932. A summary of these returns regarding the horse-power of electrical apparatus in use is given below:

Areas	No. of Mines using Electricity	Horse-power of Electrical Apparatus in use		Total Horse-power
		Above Ground	Below Ground	
Ardley	1	.....	32	32
Big Valley	1	25	53	78
Camrose	1	15	7½	22½
Carbon	4	108	197	305
Cascade	1	705	175	880
Coalspur	6	1,254½	135	1,389½
Crow's Nest	6	10,329	2,110	12,439
Drumheller	23	3,333	4,910	8,243
Edmonton	7	698	855	1,553
Gleichen	1	.....	5	5
Lethbridge	6	1,027½	741½	1,769
Mountain Park	3	1,658	1,240	2,898
Nordegg	1	1,200½	80	1,280½
Pembina	2	235	453½	688½
Prairie Creek	1	72½	185	257½
Redcliff	2	130	90	220
Saunders	3	112½	193	305½
Taber	4	10	115	125
Total	73	20,913½	11,577½	32,491

COAL-CUTTING MACHINERY

Areas	No. of Machines operated by		Tons of Coal mined by	
	Electricity	Compressed Air	Electricity	Compressed Air
Ardley	1	2	10,641	1,772
Big Valley	1	.....	1,639	.....
Carbon	5	2	53,390	3,442
Castor	.....	1	.....	2,150
Coalspur	1	11	833	25,054
Crow's Nest	1	*135	730	115,163
Drumheller	95	.....	1,190,619	.....
Edmonton	16	.....	245,431	.....
Gleichen	.....	1	.....	2,650
Lethbridge	5	86	78,873	233,572
Pembina	5	.....	64,869	.....
Prairie Creek	4	.....	22,082	.....
Redcliff	3	.....	24,019	.....
Saunders	3	11	5,413	30,494
Taber	4	.....	4,927	.....
Total	144	249	1,703,466	414,277

*Compressed air operated picks.

ACCIDENTS

Summary table showing Accidents occurring in Mines during 1906 to 1932 inclusive:

Year	Output	Accidents			Tons of Coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	60,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61*	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,656
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209†	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,638,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
1924	5,203,713	21	42	40	247,796	123,898	130,093
1925	5,883,394	30	59	56	196,113	99,718	105,060
1926	6,508,908	39	67	119	166,398	97,148	54,696
1927	6,936,780	26	76	115	266,799	91,273	60,320
1928	7,334,179	28	71	122	261,935	103,298	60,166
1929	7,147,250	31	69	98	230,556	103,583	72,931
1930	5,755,911	11	69	97	523,265	83,419	59,339
1931	4,563,309	16	75	73	285,207	60,844	62,511
1932	4,867,984	11	61	96	442,544	79,803	50,708
Total	127,553,581	800	1,374	1,474	159,442	92,841	86,535

*Including thirty-one deaths caused by the Bellevue explosion.
†Including one hundred and eighty-nine deaths caused by the Hillcrest explosion.

Accidents during 1932, classified according to the Coal Field in which they occurred:

Domestic	2,574,785	4	37	79	643,696	69,589	32,630
Sub-Bituminous	559,479	2	6	4	279,739	93,246	139,869
Bituminous	1,733,720	5	18	13	346,744	96,318	133,363

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1932:

Year	Tonnage	Total No. of men employed	Fatal Accidents			Serious Accidents			Slight Accidents			Total		
			No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed
1915	3,434,891	6,445	18	5.24	2.79	33	9.63	5.12	33	9.63	5.12	84	24.45	13.03
1916	4,538,604	7,570	20	4.31	2.64	51	10.99	6.74	34	7.33	4.49	105	22.61	13.87
1917	4,863,414	8,310	24	4.93	2.88	62	12.75	7.46	39	8.02	4.69	125	25.91	15.04
1918	6,148,620	8,774	22	3.57	2.51	60	9.95	6.84	77	12.52	8.78	159	25.85	18.12
1919	5,022,412	7,573	21	4.18	2.78	56	11.15	7.39	54	10.75	7.13	131	26.28	17.30
1920	6,908,923	8,688	29	4.20	2.99	53	7.81	6.10	38	5.50	4.37	120	17.37	13.81
1921	5,937,195	10,010	21	3.54	2.10	64	10.78	6.39	25	4.23	2.50	110	18.53	10.99
1922	5,976,432	8,547	35	5.86	4.09	38	6.36	4.45	35	5.86	4.09	108	18.07	12.64
1923	6,866,923	9,927	22	3.19	2.21	44	6.39	4.43	10	1.45	1.00	76	11.07	7.65
1924	5,203,713	7,317	21	4.03	2.86	42	8.07	5.74	40	7.68	5.47	103	19.79	14.35
1925	5,883,394	8,774	30	5.10	3.40	59	10.03	3.42	56	9.52	6.38	145	24.65	16.53
1926*	6,508,908	8,763	39	5.99	4.99	67	10.29	7.65	119	10.33	13.58	225	34.57	25.68
1927	6,936,780	9,016	26	3.75	2.88	76	10.96	8.43	115	16.50	12.71	217	31.28	24.06
1928	7,334,179	9,496	28	3.82	2.96	71	9.68	7.48	122	16.63	12.85	221	30.12	23.27
1929	7,147,250	9,572	31	4.34	3.24	69	9.65	7.21	98	13.71	10.24	198	27.70	20.30
1930	5,755,911	8,889	11	1.91	1.24	69	11.99	7.76	97	17.20	10.90	177	30.75	19.91
1931	4,563,309	8,070	16	3.51	1.98	75	16.44	9.27	73	16.00	9.04	164	35.92	20.32
1932	4,867,984	7,837	11	2.26	1.40	61	12.53	7.78	96	19.72	12.25	168	34.51	21.43

*Including 10 deaths by explosion at McGillivray Creek Coal & Coke Co., Ltd.

Number of tons produced per accident:

DOMESTIC COAL-MINES

Area	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Ardley	18,409	40	.....	.....	18,409	18,409
Big Valley	4,738	19	.....	.....	.....	.....
Brooks	6,622	7	.....	.....	.....	.....
Camrose	42,376	66	.....	.....	.....	.....
Carbon	88,837	160	.....	88,837	.....	88,837
Castor	36,465	74	.....	.....	18,237	18,237
Champion	17,260	48	.....	.....	8,630	8,630
Drumheller	1,245,474	1,909	622,787	62,278	47,903	25,947
Edmonton	454,293	700	.....	45,429	15,665	11,649
Gleichen	5,260	12	.....	.....	.....	.....
Halcourt	2,275	7	.....	.....	.....	.....
Lethbridge	386,243	1,127	386,243	193,121	77,248	48,280
Magrath	1,763	8	.....	.....	1,763	1,763
Milk River	4,051	11	.....	.....	.....	.....
Pakan	195	4	.....	.....	.....	.....
Pakowki	2,571	9	.....	.....	.....	.....
Pembina	99,051	128	99,051	49,525	12,381	9,005
Redcliff	24,045	44	.....	.....	12,022	12,022
Sheerness	24,658	51	.....	.....	.....	.....
Steveville	136	3	.....	.....	.....	.....
Taber	14,193	44	.....	14,193	14,193	7,096
Tofield	95,637	73	.....	95,637	95,637	47,818
Wetaskiwin	180	2	.....	.....	.....	.....
No Area	53	2	.....	.....	.....	.....
Total	2,574,785	4,548	643,696	69,589	32,630	21,457

SUB-BITUMINOUS

Coalspur	452,532	417	452,532	226,266	226,266	90,506
Pekisko	1,527	14	.....	.....	.....	.....
Pincher	2,729	13	.....	.....	.....	.....
Prairie Creek	66,784	134	.....	22,261	33,392	13,357
Saunders	35,907	90	35,907	35,907	.....	17,953
Total	559,479	668	279,739	93,246	139,869	44,123

BITUMINOUS

Cascade	169,328	295	169,328	169,328	33,865	24,189
Crow's Nest East	353,090	618	176,545	88,272	88,272	35,309
Crow's Nest West	361,262	722	361,262	90,315	180,631	51,609
Mountain Park	711,383	735	.....	88,923	711,383	77,931
Nordegg	138,657	251	138,657	138,657	138,657	46,219
Total	1,733,720	2,621	346,744	96,318	133,363	48,131

SUMMARY

Domestic	2,574,785	4,548	643,696	69,589	32,630	21,457
Sub-Bituminous	559,479	668	279,739	93,246	137,869	44,123
Bituminous	1,733,720	2,621	346,744	96,318	133,363	48,131
Total	4,867,984	7,837	442,544	79,803	50,708	28,976

Classification of Accidents according to outputs of mines which produced during the year 1932:

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 150,000 tons	From 150,000 to 200,000 tons	Over 200,000 tons	Total
Fatal	....	....	....	4	1	3	3	....	11
Serious	3	4	....	16	22	5	11	....	61
Slight	4	6	1	21	51	3	9	1	96
Total	7	10	1	41	74	11	23	1	168

Tons of coal produced per accident

Fatal	.....	.....	.....	204,576	1,522,248	178,526	458,816	.....	442,544
Serious	23,446	38,120	.....	51,144	69,148	107,116	125,131	.....	79,803
Slight	17,596	25,613	55,042	36,124	29,848	178,526	152,939	337,496	50,708
Total	10,055	15,248	55,042	19,960	20,571	48,690	59,846	337,496	28,976

FATAL ACCIDENTS DURING THE YEAR 1932

W. Cunningham, a miner, aged 35 years, in the mine operated by the Atlas Co., Ltd., at East Coulee, on January 19th, caused through a fall of rock. He, along with his partner, was erecting timber when a fall of rock took place, knocking him down. He received internal injuries and fractured pelvis, from the effects of which he died on January 24th.

Dan Vikulech, a miner, aged 38 years, in the mine operated by the Foothills Collieries, Ltd., at Foothills, on February 5th, caused through a fall of coal. He, along with two other men, was working in No. 12 pillar, a shot had been fired which left some coal hanging on the right hand side of the face. The shot-lighter instructed them to drill a shot hole in the lump, but in no case to go under the overhanging coal. Vikulech went under to shovel out some loose coal when the lump fell on top of him. Crushed chest, internal injuries, and fracture of left tibia, from the effects of which he died about 3½ hours later.

Joseph Oliver, a miner, aged 39 years, in the mine operated by the Cadillac Coal Co., Ltd., at Shaughnessy, on March 28th, caused through a fall of rock. He was working at the face of No. 3 room, 4 butt, when a fall of rock struck him on the lower part of his back. Fractured pelvis and femur, also internal injuries, from the effects of which he died in the hospital on April 1st.

Lawrence Trono, a miner, aged 42 years, in the mine operated by the Canmore Coal Co., Ltd., at Canmore, on April 19th, caused through a fall of rock. He was working at the face of No. 7 room, 55 slope, in the Morris seam, when a large nigger-head dropped from the coal face on to his leg knocking him down. He received compound fracture of the right patella, fractured pelvis and nose, from the effects of which he died in the Holy Cross Hospital, at Calgary, on April 22nd.

John Wynnychuk, a miner, aged 48 years, in the mine operated by the Hillcrest Collieries, Ltd., at Hillcrest, on April 22nd, caused through a fall of coal. He, along with his partner, was pushing a loaded car from the face of 855 cross-pitch room when a piece of coal fell from the rib side and knocked out a prop, which struck him on the head. Fracture of second cervical vertebrate, causing instant death.

David Gardiner, a miner, aged 43 years, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., at Coleman, on May 31st, caused through a fall of rock when timbering. He was setting up timber at the face of No. 7 pillar when a fall of rock occurred, striking him on his back. Neck broken, causing instant death.

Steve Sepcik, a driver, aged 45 years, in the mine operated by the Hillcrest Collieries, Ltd., at Hillcrest, on August 10th, caused through him being jammed between cars. He was standing on the parting No. 3 level south, on to which a loaded car was being brought. He stepped in front of the car, and was crushed between it and loaded cars standing on the parting, causing compound fracture of the right leg. He died the following morning from shock and loss of blood.

Frank Boccimuzzi, a miner, aged 49 years, in the mine operated by Bighorn & Saunders Creek Collieries, Ltd., at Saunders, on September 7th, caused through a fall of rock. He was drilling a shot hole at the face of No. 10 room off 7 incline when a piece of clod dropped on to his back. Fracture of neck and back, causing instant death.

Pellegrino Vito, a miner, aged 58 years, in the mine operated by the Brazeau Collieries, Ltd., at Nordegg, on September 16th, caused through a fall of rock. He, along with his partner, was working at the face of No. 3 pillar, when a fall of rock occurred which knocked out the timbers, burying him. He was dead when taken out some hours later, death being caused through suffocation.

Sam Mantie, a miner, aged 39 years, in the mine operated by the Sovereign Coal Mining Co., Ltd., at Wayne, on November 18th, caused through a fall of rock. He was loading coal at the face of No. 42 room off No. 12 north when a fall of rock took place. A large piece of rock struck him, crushing his head, causing instant death.

Sam Loyie, a tipple labourer, aged 40 years, at the mine operated by the Lakeside Coals, Ltd., at Wabamun, on December 5th, caused through him being crushed between a box car and the tipple. He was lowering a box car to the tipple, riding on top of the car, and was caught between the brake wheel and a chute. Fractured pelvis and burst bladder, from the effects of which he died in the Royal Alexandra Hospital at Edmonton, on January 1st, 1933.

In addition to the above fatal accidents, there occurred an accident which caused instant death to L. F. Kesler, on January 25th, through a fall of coal when illegally mining coal from an abandoned opening on the river banks near Diamond City.

Accidents as they occurred by months during the year 1932:

Months	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January	.....	2	2	4	1	6	7	14	18
February	.....	1	2	3	1	13	9	23	26
March	.....	1	1	2	1	3	8	12	14
April	.....	.....	1	1	2	4	4	10	11
May	.....	1	.....	1	1	.....	2	3	4
June	.....	.....	3	3	.....	.....	3	3	6
July	.....	1	2	3	.....	.....	7	7	10
August	.....	.....	3	3	1	6	3	10	13
September	.....	1	1	2	2	3	6	11	13
October	.....	.....	2	2	.....	3	7	10	12
November	.....	1	2	3	1	10	10	21	24
December	1	1	2	4	.....	4	9	13	17
Total	1	9	21	31	10	52	75	137	168

Accidents occurring in the Province above and below ground during the year 1932:

Cause	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Haulage	.....	3	2	5	1	16	28	45	50
Falls of rock	.....	.....	.....	.....	7	17	8	32	32
Falls of coal	.....	.....	.....	.....	2	11	9	22	22
Shot-firing	.....	.....	1	1	.....	1	6	7	8
Coal-cutting machinery	.....	.....	.....	.....	.....	1	5	6	6
Ignition of gas	.....	.....	.....	.....	.....	.....	3	3	3
Loading coal	.....	.....	2	2	.....	2	5	7	9
Timbering	.....	.....	.....	.....	.....	2	3	5	5
Shaft	.....	.....	.....	.....	.....	1	1	2	2
R. R. cars	1	1	1	3	.....	.....	.....	.....	3
Tipple machinery	.....	1	1	2	.....	.....	.....	.....	2
Open clay pit	.....	.....	2	2	.....	.....	.....	.....	2
Miscellaneous	.....	4	12	16	.....	1	7	8	24
Total	1	9	21	31	10	52	75	137	168

Accidents occurring in the Province above and below ground for the year 1932, classified according to the area in which they occurred:

DOMESTIC

Area	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Ardley	.....	.....	.....	.....	.....	.....	1	1	1
Carbon	.....	.....	.....	.....	.....	1	.....	1	1
Castor	.....	.....	.....	.....	.....	.....	2	2	2
Champion	.....	.....	.....	.....	.....	.....	2	2	2
Drumheller	.....	1	3	4	2	19	23	44	48
Edmonton	.....	2	5	7	.....	8	24	32	39
Lethbridge	.....	.....	1	1	1	2	4	7	8
Magrath	.....	.....	1	1	.....	.....	.....	.....	1
Pembina	1	.....	3	4	.....	2	5	7	11
Redcliff	.....	.....	2	2	.....	.....	.....	.....	2
Rochester	.....	.....	.....	.....	.....	.....	1	1	1
Taber	.....	.....	1	1	.....	1	.....	1	2
Tofield	.....	.....	.....	.....	.....	1	1	2	2
Total	1	3	16	20	3	34	63	100	120

SUB-BITUMINOUS

Coalspur	.....	1	1	2	1	1	1	3	5
Prairie Creek	.....	.....	1	1	.....	3	1	4	5
Saunders	.....	.....	.....	.....	1	1	.....	2	2
Total	.....	1	2	3	2	5	2	9	12

BITUMINOUS

Cascade	.....	.....	.....	.....	1	1	5	7	7
Crow's Nest (East)	.....	.....	1	1	2	4	3	9	10
Crow's Nest (West)	.....	2	.....	2	1	2	2	5	7
Mountain Park	.....	3	1	4	.....	5	.....	5	9
Nordegg	.....	.....	1	1	1	1	.....	2	3
Total	.....	5	3	8	5	13	10	28	36

Classification of Accidents according to the Coal Fields in which they occurred:

DOMESTIC

Cause	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Endless Rope Haulage, fell in front of trip	.....	.....	.....	.....	.....	1	.....	1	1
Main and Tail Rope Haulage, struck by timber knocked out by rope	.....	.....	.....	.....	.....	1	.....	1	1
Main and Tail Rope Haulage, jammed between car and broken timber	.....	.....	.....	.....	.....	.....	1	1	1
Rope Haulage, struck by runaway car	.....	.....	.....	.....	.....	1	.....	1	1
Storage battery, electric locomotive, slipped and fell against car	.....	.....	.....	.....	.....	1	.....	1	1
Horse Haulage, fell in front of car	.....	.....	.....	.....	.....	3	1	4	4
Horse Haulage, slipped between cars when coupling same	.....	.....	.....	.....	.....	1	.....	1	1
Horse Haulage, struck by passing cars	.....	.....	.....	.....	.....	.....	1	1	1
Horse Haulage, foot caught in switch, struck by loaded cars	.....	.....	.....	.....	.....	1	.....	1	1
Horse Haulage, stepped in front of moving cars	.....	.....	.....	.....	.....	.....	1	1	1
Horse Haulage, struck by butt stick on harness	.....	.....	.....	.....	.....	.....	1	1	1
Horse Haulage, finger crushed between car and rail	.....	.....	.....	.....	.....	.....	1	1	1
Horse Haulage, struck by derailed car when replacing same	.....	.....	.....	.....	.....	.....	1	1	1
Horse Haulage, jammed between horse and car	.....	.....	1	1	.....	.....	.....	.....	1
Horse Haulage, jacking up derailed car struck by jack bar	.....	.....	.....	.....	.....	.....	1	1	1
Manual Haulage, hand jammed between roof and piece of coal on top of the car	.....	.....	.....	.....	.....	1	1	2	2
Manual Haulage, slipped and fell inside of car	.....	.....	.....	.....	.....	.....	2	2	2
Manual Haulage, arm jammed between car and face of coal	.....	.....	.....	.....	.....	1	.....	1	1
Manual Haulage, caught between car and side of entry	.....	.....	.....	.....	.....	.....	2	2	2
Manual Haulage, hand caught between bumper and rail when lifting car	.....	.....	.....	.....	.....	.....	1	1	1
Manual Haulage, slipped and fell when pushing car	.....	.....	.....	.....	.....	.....	4	4	4
Manual Haulage, slipped and fell while lifting car	.....	.....	.....	.....	.....	.....	6	6	6
Manual Haulage, pulling car which ran over his foot	.....	.....	.....	.....	.....	.....	1	1	1
Manual Haulage, slipped when walking on tipple	.....	1	.....	1	.....	.....	.....	.....	1
Manual Haulage, jammed between moving cars	.....	.....	.....	.....	.....	1	.....	1	1
Fall of rock at face of room	.....	.....	.....	.....	2	11	3	16	16
Fall of rock at face of entry	.....	.....	.....	.....	.....	.....	2	2	2
Fall of rock on the roadway in the room	.....	.....	.....	.....	.....	1	1	2	2
Fall of rock while timbering	.....	.....	.....	.....	1	.....	.....	1	1
Fall of clay when brushing on entry	.....	.....	.....	.....	.....	1	.....	1	1
Fall of coal at face of room	.....	.....	.....	.....	.....	2	9	11	11
Fall of coal and nigger head at face of entry	.....	.....	.....	.....	.....	1	.....	1	1
Fall of coal in longwall face	.....	.....	.....	.....	.....	1	.....	1	1
Shot-firing, went back too soon after firing shot	.....	.....	.....	.....	.....	1	1	2	2
Shot-firing, burnt by flame from shot which blew through a pillar	.....	.....	.....	.....	.....	.....	1	1	1
Shot-firing, burnt by flame of gas ignited by shot	.....	.....	.....	.....	.....	.....	3	3	3
Shot-firing, struck by flying coal from shot in stripping pit	.....	.....	1	1	.....	.....	.....	.....	1
Electric coal-cutting machinery, struck by jack pole	.....	.....	.....	.....	.....	.....	3	3	3
Electric coal-cutting machinery, finger caught in feed chain	.....	.....	.....	.....	.....	.....	1	1	1
Electric coal-cutting machinery, feed chain broke and struck on the leg	.....	.....	.....	.....	.....	1	.....	1	1
Ignition of gas from fire	.....	.....	.....	.....	.....	.....	3	3	3

DOMESTIC—Continued

Cause	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Loading coal, slipped while shovelling coal	.....	.....	1	1	.....	.....	.....	.....	1
Loading coal, car slipped off rails when he was loading same	.....	.....	.....	.....	.....	1	.....	1	1
Loading coal, a piece fell on his foot	.....	.....	.....	.....	.....	.....	3	3	3
Loading coal, shovelling in box car bumped his elbow	.....	.....	1	1	.....	.....	.....	.....	1
Loading coal, hand jammed against side of car	.....	.....	.....	.....	.....	.....	2	2	2
Timbering, axe slipped, cutting off finger	.....	.....	.....	.....	.....	1	.....	1	1
Timbering, axe slipped, cutting his foot	.....	.....	.....	.....	.....	.....	1	1	1
Timbering, axe slipped, cutting his leg	.....	.....	.....	.....	.....	.....	1	1	1
Shaft, thrown from cage when entering same	.....	.....	.....	.....	.....	1	.....	1	1
Shaft, struck by piece of coal falling down shaft	.....	.....	.....	.....	.....	.....	1	1	1
Struck by clay rolling down bank of clay pit	.....	.....	2	2	.....	.....	.....	.....	2
R.R. car, lowering, caught between tipple and R.R. car	1	.....	.....	1	.....	.....	.....	.....	1
R.R. car, struck by cable which broke when pulling box car	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, firing boiler, burnt by flames which flashed back	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, filling tank wagon, slipped and fell	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, rivetting angle–iron to a plate which fell on his hand	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, carrying a rail, hand caught between rail and timber	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, fell off ladder while stringing electric cable	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, slipped while carrying tools	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, trimming timber, struck by piece of coal off tipple	.....	1	.....	1	.....	.....	.....	.....	1
Miscellaneous, moving pipes, one of which struck his foot	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, driving a horse hauling a cart, wheel passed over his foot	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, repairing box car loader, slipped and fell	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, stepped into open trap door in lamp house	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, burnt from ignition of carbide when opening can	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, hand blistered while shovelling	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, slipped and fell on the heater in the bath house	.....	1	.....	1	.....	.....	.....	.....	1
Total	1	3	16	20	3	34	63	100	120

SUB-BITUMINOUS

Fall of rock at face of room	.....	.....	.....	.....	1	.....	.....	1	1
Fall of rock when timbering	.....	.....	.....	.....	.....	1	.....	1	1
Fall of coal in pillar workings	.....	.....	.....	.....	1	.....	.....	1	1
Fall of coal at longwall face	.....	.....	.....	.....	.....	2	.....	2	2
Electric coal–cutting machinery, finger crushed by machine falling on same	.....	.....	.....	.....	.....	.....	1	1	1
Timbering, axe slipped, striking his hand	.....	.....	.....	.....	.....	1	.....	1	1
Tipple machinery, crushed between cars and rotary dump	.....	1	.....	1	.....	.....	.....	.....	1

Tipple machinery, repairing chute which dropped on his foot	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, climbing ladder, which broke, causing him to fall	.....	.....	.....	.....	.....	1	.....	1	1
Miscellaneous, lifting car, slipped and jammed between car and brushing	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, struck by piece of coal dropping off tipple on to his head	.....	.....	1	1	.....	.....	.....	.....	1
Total	.....	1	2	3	2	5	2	9	12

BITUMINOUS

Rope Haulage, jammed between cars, wrist broken	.....	.....	.....	.....	.....	1	.....	1	1
Rope Haulage, finger caught between rope and drum	.....	.....	.....	.....	.....	.....	1	1	1
Horse Haulage, jammed between timber and derailed car	.....	.....	.....	.....	.....	1	.....	1	1
Horse Haulage, struck by timber, which swung when hauling same	.....	.....	.....	.....	.....	1	.....	1	1
Horse Haulage, struck by cars on siding	.....	.....	.....	.....	1	.....	.....	1	1
Horse Haulage, jammed between top of car and timber	.....	.....	.....	.....	.....	1	.....	1	1
Electric trolley locomotive haulage, slipped off car, leg caught between bumpers	.....	1	.....	1	.....	.....	.....	.....	1
Electric storage battery, foot slipped under wheel	.....	.....	1	1	.....	.....	.....	.....	1
Compressed air locomotive, foot caught between pry and rail	.....	.....	.....	.....	.....	.....	1	1	1
Compressed air locomotive, spragging cars struck his side on end of chute	.....	.....	.....	.....	.....	.....	1	1	1
Tractor Haulage, caught under tractor when same turned over	.....	1	.....	1	.....	.....	.....	.....	1
Fall of rock at face of room	.....	.....	.....	.....	1	1	1	3	3
Fall of rock on jig	.....	.....	.....	.....	.....	.....	1	1	1
Fall of rock on entry while timbering	.....	.....	.....	.....	.....	1	.....	1	1
Fall of rock in pillar workings	.....	.....	.....	.....	2	.....	.....	2	2
Fall of clay at face of slope	.....	.....	.....	.....	.....	1	.....	1	1
Fall of coal at face of room	.....	.....	.....	.....	1	2	.....	3	3
Fall of coal when timbering	.....	.....	.....	.....	.....	1	.....	1	1
Fall of coal at face of entry	.....	.....	.....	.....	.....	2	.....	2	2
Chute loading, struck by coal when loading same from chute	.....	.....	.....	.....	.....	1	.....	1	1
Timbering, struck by lagging when replacing timber	.....	.....	.....	.....	.....	.....	1	1	1
Shot-firing, struck by coal flying from shot	.....	.....	.....	.....	.....	.....	1	1	1
R.R. cars, struck by rope hauling box cars to tipple	.....	1	.....	1	.....	.....	.....	.....	1
Miscellaneous, slipped on rail while walking down jig	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, slipped and fell against car when walking on entry	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, loading rock, hand jammed between rock and rail	.....	.....	.....	.....	.....	.....	1	1	1
Miscellaneous, fell in the motor pit making rounds as night watchman	.....	.....	1	1	.....	.....	.....	.....	1
Miscellaneous, struck by coke loading machine	.....	1	.....	1	.....	.....	.....	.....	1
Miscellaneous, struck by rock which rolled from face of bank	.....	1	.....	1	.....	.....	.....	.....	1
Miscellaneous, straightening end plate of steel car which fell on his foot	.....	.....	1	1	.....	.....	.....	.....	1
Total	.....	5	3	8	5	13	10	28	36

Accidents during 1932, classified according to the Mine in the Domestic Field in which they occurred:

Name of Operator	Area	Above Ground				Below Ground				Total Above and Below ground
		Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Super-Heat Coal Co., Ltd.	Ardley	.....	.....	.....	.....	.....	.....	1	1	1
Peerless Carbon Collieries	Carbon	.....	.....	.....	.....	.....	1	.....	1	1
James, A. J.	Castor	.....	.....	.....	.....	.....	.....	1	1	1
Fry & Graf	Castor	.....	.....	.....	.....	.....	.....	1	1	1
Fraser, Alex.	Champion	.....	.....	.....	.....	.....	.....	1	1	1
Ellis & Watkins	Champion	.....	.....	.....	.....	.....	.....	1	1	1
Newcastle Coal Co., Ltd.	Drumheller	.....	.....	.....	.....	.....	1	.....	1	1
Rosedale Coal Co., Ltd.	Drumheller	.....	.....	.....	.....	.....	3	.....	3	3
Rose Deer Coal Mining Co., Ltd.	Drumheller	.....	.....	1	1	.....	.....	5	5	6
Midland Coal Mining Co., Ltd.	Drumheller	.....	.....	.....	.....	.....	2	1	3	3
Thomas Coal Co., Ltd., The	Drumheller	.....	.....	.....	.....	.....	3	3	6	6
Great West Coal Co., Ltd.	Drumheller	.....	.....	.....	.....	.....	1	.....	1	1
Sovereign Coal Mining Co., Ltd.	Drumheller	.....	.....	.....	.....	1	3	6	10	10
Jewel Collieries, Ltd.	Drumheller	.....	.....	.....	.....	.....	1	.....	1	1
Murray Collieries, Limited	Drumheller	.....	.....	.....	.....	.....	1	.....	1	1
Western Gem Coal Co., Ltd.	Drumheller	.....	1	3	4	.....	1	2	3	7
Hy-Grade Coal Co. of Drumheller, Ltd.	Drumheller	.....	.....	.....	.....	.....	.....	4	4	4
Atlas Coal Co., Ltd.	Drumheller	.....	.....	.....	.....	1	1	.....	2	2
Empire Collieries, Ltd. (Arcadia No. 1)	Drumheller	.....	.....	.....	.....	.....	1	.....	1	1
Aetna Coal Co., Ltd.	Drumheller	.....	.....	.....	.....	.....	1	.....	1	1
Ideal Coal Co., Ltd.	Drumheller	.....	.....	.....	.....	.....	.....	1	1	1
Hancock-Jones Lumber Co., Ltd. (Trustees for the Creditors)	Edmonton	.....	1	.....	1	.....	1	.....	1	2
Ottewell Coal Co.	Edmonton	.....	1	.....	1	.....	.....	.....	.....	1
Great West Coal Co., Ltd.	Edmonton	.....	.....	.....	.....	.....	1	1	2	2
Dawson Coal, Limited	Edmonton	.....	.....	.....	.....	.....	1	.....	1	1
Penn Coals, Ltd.	Edmonton	.....	.....	3	3	.....	2	19	21	24
Marcus Coals, Ltd.	Edmonton	.....	.....	1	1	.....	1	1	2	3
Nimko, Kost & Partners	Edmonton	.....	.....	.....	.....	.....	.....	1	1	1
Sinoski, Mike	Edmonton	.....	.....	.....	.....	.....	.....	1	1	1
Bon Accord Coal Co., Ltd.	Edmonton	.....	.....	.....	.....	.....	1	.....	1	1
Poholka, Steve	Edmonton	.....	.....	.....	.....	.....	.....	1	1	1
Beverly, Limited	Edmonton	.....	.....	.....	.....	.....	1	.....	1	1
Vitaly, Mike & Partners	Edmonton	.....	.....	.....	.....	.....	.....	1	1	1
Canadian Pacific Railway (Dept. Nat. Res.)	Lethbridge	.....	.....	.....	.....	.....	.....	2	2	2
Coal Producers, Ltd.	Lethbridge	.....	.....	.....	.....	.....	2	.....	2	2
Royal Lethbridge Collieries	Lethbridge	.....	.....	1	1	.....	.....	1	1	2
Cadillac Coal Co., Ltd.	Lethbridge	.....	.....	.....	.....	1	.....	1	2	2
Fitzpatrick, J. W.	Magrath	.....	.....	1	1	.....	.....	.....	.....	1
Coal Producers, Ltd.	Pembina	.....	.....	2	2	.....	1	1	2	4
Lakeside Coals, Limited	Pembina	1	.....	1	2	.....	1	4	5	7
Redcliff Pressed Brick Co., Ltd.	Redcliff	.....	.....	2	2	.....	.....	.....	.....	2

McLean & Nesbitt	Rochester							1	1	1
Rock Springs Mines, Limited	Taber						1		1	1
Orn, Oskar & Partners	Taber			1	1					1
Machin, J. C.	Tofield						1	1	2	2
	Total	1	3	16	20	3	34	63	100	120

SUB-BITUMINOUS

Foothills Collieries, Ltd., The	Coalspur					1	1		2	2
Lakeside Coals, Limited	Coalspur		1	1	2			1	1	3
Hinton Collieries, Ltd.	Prairie Creek						1	1	2	2
Jasper Coal Co., Ltd.	Prairie Creek			1	1		2		2	3
Bighorn & Saunders Creek Collieries, Ltd.	Saunders					1			1	1
Alexo Coal Co., Ltd.	Saunders						1		1	1
	Total		1	2	3	2	5	2	9	12

BITUMINOUS

Canmore Coal Co., Ltd.	Cascade					1	1	5	7	7
Hillcrest Collieries, Ltd.	Crow's Nest East					2	2		4	4
West Canadian Collieries, Ltd. (Bellevue)	Crow's Nest East			1	1		2	1	3	4
Mohawk Bituminous Mines, Ltd.	Crow's Nest East							2	2	2
International Coal & Coke Co., Ltd.	Crow's Nest West		1		1		1		1	2
McGillivray Creek Coal & Coke Co., Ltd.	Crow's Nest West		1		1	1		2	3	4
West Canadian Collieries, Ltd. (Greenhill)	Crow's Nest West						1		1	1
Mountain Park Collieries, Ltd.	Mountain Park		1		1		2		2	3
Cadomin Coal Co., Ltd.	Mountain Park						1		1	1
Luscar Collieries, Ltd.	Mountain Park		1	1	2		2		2	4
Solomon Collieries	Mountain Park		1		1					1
Brazeau Collieries, Ltd.	Nordegg			1	1	1	1		2	3
	Total		5	3	8	5	13	10	28	36

SUMMARY

Domestic	1	3	16	20	3	34	63	100	120
Sub-Bituminous		1	2	3	2	5	2	9	12
Bituminous		5	3	8	5	13	10	28	36
Total	1	9	21	31	10	52	75	137	168

LIST OF PROSECUTIONS INSTITUTED UNDER THE COAL-MINES REGULATION ACT DURING 1932:

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Formerly operated by A. C. Patterson, now abandoned	Farmer	Unlawfully entered a mine without permission from owner, agent or manager, overman or outside foreman. Sec. 87, Rule 22	Convicted	Nil	Nil
Formerly operated by A. C. Patterson, now abandoned	Farmer	Unlawfully entered a mine without permission from owner, agent or manager, overman or outside foreman. Sec. 87, Rule 22	Convicted	Nil	Nil
Formerly operated by A. C. Patterson, now abandoned	Farmer	Unlawfully entered a mine without permission from owner, agent or manager, overman or outside foreman. Sec. 87, Rule 22	Convicted	Nil	Nil
Superior Grade Coal Co., Ltd.	Mine Owner	Did work the mine with more than 30 men underground in a day, without a manager holding a first-class certificate in charge	Convicted	Fined $25.00	$5.45
Vanbesien & Duquesne	Owner	Permitted persons who were not qualified to work at working face. Sec. 48 (e)	Convicted	Fined $5.00	1.00
Vanbesien & Duquesne	Owner	Permitted persons who were not qualified to work at working face. Sec. 48 (e)	Convicted	Fined $5.00	1.00
Vanbesien & Duquesne	Overman	Permitted persons who were not qualified to work at working face. Sec. 48 (e)	Convicted	Fined $1.00	1.00
Vanbesien & Duquesne	Car Pusher	Worked at working face as a coal-miner without having a certificate of competency	Convicted	Fined $5.00	1.00
Vanbesien & Duquesne	Car Pusher	Worked at working face as a coal-miner without having a certificate of competency	Convicted	Fined $1.00	1.00
Chipman Creek Mine	Farmer	Illegally mining coal without being in possession of a coal-miner's certificate	Convicted	Costs of Court	4.15
Chipman Creek Mine	Farmer	Illegally mining coal without being in possession of a coal-miner's certificate	Convicted	Costs of Court	4.15
Chipman Creek Mine	Farmer	Illegally mining coal without being in possess of a coal-miner's certificate	Convicted	Costs of Court	3.50
Chipman Creek Mine	Farmer	Entering a mine without the mine being examined by a certificated person. Sec. 87, Rule 1 (12)	Convicted	Fined $15.00 and costs or 30 days in jail	4.50
West. Can. Coll., Ltd. (Bellevue)	Asst. Overman	Contravening Sec. 87, Rule 28, by committing an act likely to cause danger to himself or any person	Convicted	Fined $10.00 and costs or 30 days in jail	5.75
Canmore Coal Co., Ltd.	Examiner	Failed to supervise loading and stemming of shot holes	Convicted	Fined $20.00, or 30 days in jail	4.75
Canmore Coal Co., Ltd.	Examiner	Giving out detonators to workmen, same not being contained in locked canisters	Convicted	Fined $15.00, or 30 days in jail	2.75
Aetna Coal Co., Ltd. (This case held over from Dec. 3, 1931.)	Mine Manager	Failed to observe hours of employment underground, allowed workmen to be underground for longer than time fixed by the Act	Convicted	Fined $25.00	4.25

Coal Producers, Ltd. (Evansburg)	Mine Manager	Did allow three miners to work more than 8 hours during April 19th, 1932	Convicted	Fined $50.00	3.75
H. McNaughton	Farmer	Operated a coal–mine without having an overman in charge of underground workings	Convicted	Fined $1.00	2.00
Mohawk Bituminous Mines, Ltd.	Examiner and Shot–lighter	Did not see all his men in a place of safety before firing a shot	Convicted	Fined $10.00 and costs or 30 days in jail	5.00
Christian Lanz	Owner	Failed to furnish a copy of plan when requested	Convicted	Fined $5.00, or 14 days in jail	4.00
Mohawk Bituminous Mines, Ltd.	Miner	Did an act which caused injury to himself by returning to his place after being brought to a place of safety, thereby receiving injuries from a shot fired in his working place	Convicted	Fined $1.00 and costs	19.25
Benjamin Oliver	Farmer	Did unlawfully enter a mine without permission from the owner, agent, or manager, overman or outside foreman	Convicted	Nil	Nil

Number of Mines opened, abandoned, and re-opened according to Areas and Kind of Coal, during the year:

Area	Number	Character of Coal	No. of Mines in operation Dec. 31, '32	Mines opened during year	Mines re-opened during year	Mines closed but not abandoned	Mines abandoned during year	Name and Address of District Inspector of Mines
Ardley	1	Domestic	13	1	....	1	4	
Big Valley	2	Domestic	5	1	....	1	....	
Camrose	5	Domestic	6	....	1	....	....	
Carbon	6	Domestic	17	1	1	1	4	B. Nugent,
Castor	8	Domestic	38	2	2	2	8	Camrose, Alta.
Edmonton	15	Domestic	34	4	2	2	....	Tele. No. 72.
Pakan	27	Domestic	....	1	....	1	....	
Tofield	42	Domestic	4	....	....	....	....	
Wetaskiwin	45	Domestic	1	....	....	....	1	
Brocks	3	Domestic	3	2	1	....	1	
Champion	9	Domestic	9	....	....	1	3	
Lethbridge	20	Domestic	20	....	....	....	1	
Magrath	21	Domestic	3	1	....	1	1	J. B. deHart,
Milk River	22	Domestic	3	1	....	1	1	Lethbridge, Alta.
Pakowki	28	Domestic	7	....	....	....	1	Tele. No. 3325.
Pekisko	30	Sub–Bituminous	5	1	....	1	....	
Redcliff	34	Domestic	2	....	....	....	....	
Taber	41	Domestic	17	1	2	....	4	
Coalspur	11	Sub–Bituminous	7	....	1	....	2	Thos. Horne,
Mountain Park	24	Bituminous	4	1	....	1	....	Edson, Alta.,
Pembina	31	Domestic	4	1	....	....	2	Tele. 35, Residence
Prairie Creek	33	Sub–Bituminous	2	....	....	....	....	
West Crow's Nest	12	Bituminous	4	....	....	....	....	Moses Johnson, Blairmore, Alta. Tele. No. 70.
Cascade	7	Bituminous	2	....	....	....	....	
East Crow's Nest	13	Bituminous	5	....	....	1	....	
Morley	23	Sub–Bituminous	....	1	....	1	....	W. G. Heeley,
Nordegg	25	Bituminous	1	....	....	....	....	Calgary, Alta.
Pincher	32	Sub–Bituminous	4	1	2	1	4	Tele. No. M5096.
No Area	....	Domestic	1	1	....	....	....	
Saunders	36	Sub–Bituminous	2	....	....	1	....	
Drumheller	14	Domestic	29	3	....	4	5	A. B. Hunter,
Gleichen	17	Domestic	3	....	....	....	....	Drumheller, Alta.
Sheerness	38	Domestic	19	4	1	3	....	Tele. No. 413.
Steveville	40	Domestic	....	....	....	1	....	
Halcourt	18	Domestic	8	3	....	....	....	J. A. Richards,
Rochester	35	Domestic	1	1	....	....	1	Edmonton, Alta.
Whitecourt	46	Domestic	....	....	1	....	1	Tele. No. 916415.
		Totals	283	32	14	25	44	

In addition to the above, Mr. James A. Richards, 11009 89th Ave., Edmonton, is acting in the capacity of General District Inspector of Mines, Telephone No. 32662.

BOARD OF EXAMINERS

The constitution of the Board during the year 1932 was as follows:
As representing:

(a) The Mine Inspectorate:
Andrew A. Millar, Chief Inspector of Mines.

(b) Managers:
Norman Fraser, Robert Livingstone.

(c) Working Miners:
William Lammie, Evan Morgan.
Secretary:
James A. Richards.

Examinations were held during the year as follows: For third class at the following centres: Drumheller, May 10th; Edmonton, May 10th, 11th, 12th and 13th; Lethbridge, May 10th to 17th; Nordegg, May 10th; and Blairmore, on June 8th and 9th.

For first and second class on June 8th, 9th and 10th, at Blairmore, Cadomin, Drumheller and Edmonton.

Fifteen candidates presented themselves for examination for first class certificates, of whom two were successful. Thirty-two candidates presented themselves for examination for second class certificates, of whom twelve were successful. Seventy-one candidates presented themselves for examination for third class certificates, of whom thirty were successful. There were no candidates for examination for mine surveyor.

The following is a list of names of persons to whom Final Certificates of Competency under The Coal-mines Regulation Act were granted during the year 1932:

FIRST CLASS

Name	Address	Cert. No.	Date of Issue
Dutton, Joseph A.	Mountain Park	4	25-7-32
Saudino, Joseph A.	Drumheller	5	25-7-32

SECOND CLASS

Boughton, Chas. A.	Rosedale	10	25-7-32
Burton, James	Luscar	13	25-7-32
Greenhalgh, R. M.	Coleman	11	25-7-32
Hamilton, John	Delia	18	10-8-32
Jones, Elias	Coleman	16	25-7-32
McGregor, Thos. B.	Lethbridge	19	10-8-32
Marsh, Walter	Drumheller	20	21-9-32
Oakes, Robert	Blairmore	17	25-7-32
Swan, John	Edmonton	12	25-7-32
Strang, David	Mountain Park	15	25-7-32
Vivyurka, John	Mercoal	21	28-9-32

THIRD CLASS

Annon, Joseph L.	Winnifred	65	25-6-32
Brown, Frederick	Edmonton	58	2-6-32
Blades, James	Delburne	62	25-6-32
Bonetti, D.	Champion	73	25-6-32
Barclay, Daniel	Dinant	89	23-9-32
Blas, Emil	Blairmore	91	22-10-32
Challenger, Edward J.	Magrath	86	24-8-32
Cowan, Robert	Drumheller	92	22-10-32
Dinsdale, Wm.	East Coulee	61	2-6-32
Donaldson, Thomas	Shaughnessy	64	25-6-32
Foster, Cyril E.	Rocky Mountain House	60	2-6-32
Fridel, Stephen	Barrhead	63	25-6-32
Foye, Edward B.	Delia	93	1-11-32
Gibson, James	Willow Creek	75	25-6-32
Guiney, C. John	Rosebud	79	25-6-32
Howells, Edward W.	Mercoal	52	6-1-32
Halbert, Robert	Trochu	71	25-6-32
Hook, Alfred J.	Halkirk	78	25-7-32
Johnson, Alexander J.	Ardley	68	25-6-32
Jones, Wm. J.	Rosalind	74	25-6-32
Kay, William	Drumheller	53	26-2-32
Mather, John	Coalhurst	51	6-1-32
Mitchell, Chas. G.	Pincher Creek	82	24-8-32
Marsh, Walter	Coleman	84	24-8-32
Mitchinson, Arthur	Donalda	88	23-9-32
McGowan, John	Drumheller	57	2-6-32
McKinlay, James	Huxley	72	25-6-32
Naegeli, Otto	Midlandvale	54	26-2-32
Novak, Mike	Milk River	56	4-5-32
Ordge, John	Donalda	80	25-7-32
Quin, James	East Coulee	66	25-6-32
Russell, Robert	Alix	69	25-6-32

THIRD CLASS—Continued

Name	Address	Cert. No.	Date of Issue
Rees, Sanford	Mountain Park	81	28-7-32
Saunders, Herbert A.	Cardiff	76	2-7-32
Thomas, David S.	Midlandvale	55	21-3-32
Tyrer, Harold	Lethbridge	70	25-6-32
Taylor, Robert	Calgary	85	24-8-32
Tonge, Reginald	Blairmore	90	30-9-32
Watkin, Geo. E.	Bittern Lake	59	2-6-32
Walton, Geo. A.	Forestburg	67	25-6-32
Watson, David	Leduc	77	11-7-32
White, George	Nordegg	83	24-8-32
Williams, Wm.	Barnwell	87	23-9-32